



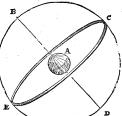
## A breefe Instruction in the art of Navigation.

#### Of the two poles of World.



He Eirth with the waters doe make both togerher a perfect and just round Globe, which all the Mathe-maticans by good& infallible reasons doe confirme, maricans by good& infullible reasons doe confirme, as also by experince is found for obe. This Globe, the Externall and omnipotent God hath firmely placed in the middle of the World, as the Center of middle point there of and hath placed the havens

28 a hallow Globe, with fuch an unmeafurable wynesse round about the iume, that the diffance thereof is equally fet, and scaparated from the caren in all places, like unto the compasse of a circle, which is equally drawne and feparated from the middle point thereof: and hath fo ordaied, that every 24 hours it is carried about the World : by which daylie notion, it draweth with it all the heavenly lights, as the Sunne, Moon, fall the Starres, which also by that means in 24 houres are carried and about the whole World, as is dayly feene. The moving or ftirfthe heavens is brought about upon two fure points, that frand city one against the other, in such manner, as if a bale should be tured round upon two pins, as upon an Axeltre. Suppose that you fee a reign line, streaching out from one of the a forelaid point of the heaeas to the other, like unto an Axeltre of the World, that paffed right brough the center, that is through the middle of the earth and two points aforefaid, the Pooles or Axeltre points of the World, the one naned the fouth Pole: Now that this may be better understood, I will manifest it by this figure.



theweth the Globe of the earthwhich unmove able ftandeth in the midle of the heavens. which hereby circle of BCDÉ is figured out. The line that reached through the Earth fignifieth the Axeltre of the World , & the point from B to D is the Pole or Axeltrees point,

This figure A

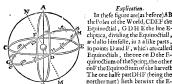
tt B is called the north Pole, and the other at D the S. Pole, upon which the havens ( as I faid before) every 24 houres are moved and borne round about the whole Earth.

#### Of the Equinolliael Line.

The whole circle of the Heavens is devided into 3 60 degr. or fteppes, for that by the former chapter we may perceive, that the two Poles are diffant one from the other 18 odegr, that is a half circle of the heaven. Right in the middle between both the Poles we fuppofe a circle to be placed, which we call Line, or the Boustor, and is fo called betaufe that when so ever the Sun cometh to his circle the day and night are of one length through out all the World. This circle is in all places equall diffant from both the Poles of the World, to wit, 90 degrees and devided the heavens into two equall parts, whereof the one reached orthward, and is called the north part, the other fouthward, and is called the fouth part, as is plainly fee in the former figure : where you fee the fourth part, as is plainly feene in the former figure: where you fee the of the Equino Itiall, and even wide with the fame, which through the thindle. 16 is the Equino Itiall line, flanding both of one length from turning round about of the Sphere, of the points of the Ecliptica, is dethe Poles ED, deviding the Heavens into two equal parts, as the north | feribed to be the wideft diffant from the Equinoctial the one to the nort Parth E B C, and the S. Part E D C.

#### Off the Ecliptica line or Sunne-way,

The Line Ecliptica lieth thwart over against the Equinociall deviling the fame upon two points, right over againft each-other, in two yen a like parts, and is also devided through the foresaid 2 a like parts, e one lieth betwixt the Equinoctiall and the norther Pole, the other etwixt the Equinoctiall and the fouther Pole, the most part is drawing off on both fides of the Equinoctiall to both Poles in 23 degrees, 31 and halfe minutes. The Eclipticais devided in 12 parts, each of the fame idestribed with a particular marke. The Sunne goeth along this Circle without eternal turning out) and runneth through the fame once every Peare with herowne native running, and so as the Poles of the World doe thand all over even farre of the Equino Ctiall, also hath this Ecliptica his two Poles al over even far or distant from the same.



Explication.

In these figure are(as before)AB the Poles of the World, CDEF the Equinoctial, GDH E the line Ecliptica, dividing the Equinoctiall, and also himselse, in 2 a like parts, in points D and F, which are called Equinoctians, the one on D the E-quinoctium of the Spring, the other onF the Equinoctium of the harvett The one halfe part DHF (being the

quinochia! I DEF and the A Norther Pole, upon the most on EH, turning off three, and twentie degrees, 3 1 minutes and an halfe, the other halfe part FGD (the fouther part) lieth betwixt the Equinoctial F CD, and the fouther Pole B, as also upon the most part, like as CG, turning off 23 degrees, 31 minutes, and an halfe. The north part is devided in fix fignes, which are called the northermost, beginning on D, with rising figures to the north, Aries, Taurus, Gemini, untill H, the point of the moft drawing off. From thence with the down-going figures of the North, Cancer, Leo Virgo, untill the Equinoctal Line in E. the Equinoction of the harvest. The fourther part is also devided in fixe figures, which are called the fouthermost, beginning on F, with the down going fignes to the fouth, Libra, Scorpius, Sagitarius, untill G, the point of the most turning of to the fouth, from thence forth with the rifing fignes to the north, Capricornus Aquarius, Pifess till againe on the Equinodiall
Line, and the Equinodium of the Spring D. The 3 first northermost
signes runneth the Sunne through of the 21 of march, till the 21 of Iune, he other of the 2 1 June, til the 23 of Septemb. The first 3 fouthermost of the 2 3 Seprens cr, til the 23 of December, the other of the 23 of December, til againe to the 21 of March. The Poles of the Ecliptics are, & N. ftanding allover even farre from the Ecliptica G H, & fo farre from the Poles of the Earth A & B, when the Ecliptica upon the most is drawing off from the Equinochial Line on H E and C G, to witt, 23 deg. 3 1 min and an halfe. Of the Colures.

Coluri are 2 Circles, going Croffe-wife through both the Poles of the World, deviding each other in the Poles in 2, and together the whole Sphera Equinocrial, Sodiac, or Ecliptica, & al Paralelles in 4 a like parts, the one going through the points of the Equinoctes, called Colurus off the Equinoches, the other through the points of the Solftities, the Colurus of the Solffities. The Sunne touching these Circles (through his yearly running in the Sodiac) devideth the yeare in four parts, to wir, Spring, Summer, Harveft, and Winter.

Explication.
In this former Figure is AFED, the Columns of the Equinocles, going through Dand F, points of the Equinoctes, in the beginning of Aries and Libra, and through the Poles A and B A C GB MEH, the Colorus of the Solftities, going through H & G, points of the Solftities, in the beginning of Cancri & Capricorni, where the Ecliptica is upon the most drawing off from the Equinoctiall line, through the Poles of the World, and Sodiax M and N, cutting one another through croffe wife with right corners in the Poles A and B, and deviding the Sodiac or Ecliptica in 4 parts, as DH, HE, and GD, where of the Sunne in the first takes his course in the Spring, the Second in the Summer, the third in the Summer, the third in the harvest, and the fourth in the Winter.

Thefe foresaid Circles of the Sphere, are al great Circles, that is upon the wideft of the Sphere round about written, deviding the fame alwaies in two a like parts. There follow further four little Circles , which doe devide the Sphere in unlike parts.

### Of the Tropikes and Circles Arthions and Antarthisus.

Tropici are two Circles, the one northward, and the other fouthward of the Equinoctiall, and even wide with the fame, which through the called Tropicus Cancri, the other to the fouth, Tropicus Capricorni, Circulus Ardicus, the norther Circle, and Circuls Antarcticus, the fouther Circle, are(through the turning round about of the Sphere) de-Explication.



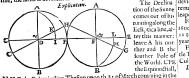
In this figure is the Tropicus Cancri or Sunne turning of the kreeft, which through the turning round about of the Sphere is deferibed of the point of H, the beginning of Caucri is also called, becaufe the Sunne, ( comming on that point upon the wideft from the Equinochall to the north ) turneth then againethrough the kreeft unto the Equinoctiall, G, K, is the Tropicus Capricorni, Sun turning A breefe Infruction off the Art off Navigation.

the Sun, coming on that point upon the widelf from the Equinoctial to finde out of fuch Tables upon every day of the yeare the Declination of the fouth, turnes then again through to the Stonbock to the Equinoct al. the Sunne mult needs two things be knowne, the first, in what yeare weather fouth, turnes then again through to the Stonbock to the Equinoct al.

which are deferibed through the turning round about of the Sphere, of the Poles of the Sodiac N and M. Thele are even farre diffrant from the For the first, devide the years of our Lord above 160 through 4, if Poles of the World A and B, also as the Tropicus from the Equinodial the deviding comes even out, without being to much, such years is then line, to wit, 23 de grees, 31 minutes and a half.

Of the Declination of the Sonne. The Declination of the Sunne hath his diffance of the Fouinoctiall years.

line, the same is devideth in two parts; to the N. and to the S.



N H G the Eclipticaline. The Sun upon th 2 r of March comming in the beginning Arietis on D, comes also in the Equinoctial line and hath therefore no Declination, northerly nor foutherly but going forth along the Ecliptica of D to H, and comming til on K, in the beginning of Caneri, that flat that all be removed or declined from the Equinoctial line to the north, from I to K, 11 degrees, 30 min. Going to forth till on H, is upon the most declined from P to H, 23 degre. 31 min. and a half. From thence is from EroC declined to the fourth-from thence the runners then on Date has some risk glounderful line, finding the fame running in a years,

leffe then 6 hours) wherefore men mult always after 3 years unto the September, and the 2007 After (not at the 2008) point the figure for fourth, 4 times 4 hours; that is a day in Echauray bing the remote of the fourth of the Sunne in even dayes, the famor count the vear or evolution of the Sunne in even dayes, the famor to count the vear or evolution of the Sunne in even dayes, the famor to count the vear or evolution of the Sunne in even dayes, the famor because the fourth years is therefore called the large years. If you then will feet the fourth years is therefore called the large years. If you then will feet the fourth years is the famor the Sunne for the Sunne in the famor to the Sunne of the Sunne for the Needman and A Tables at another of 4 years following after another. The fourth of the Sunne for the Sunne

of the Stone-book, is described through the turning round about of the fuch 4 yeares, brings in time so much difference in the Declination, Sphere of the point G, the beginning of Capricornis fo called, because that it is necefary at least every 20 years to renew fuch Tables. For to N.P., is the Circulus Arcticus, and M.O., the Circulus Antarcticus, re, or in the leape-yeare, or in the first, second, or third thereafter, The

a leap yeare of 366 dayes, but if out of the deviding remaines any number, the same will shew your desire hou many years it is after the leap-Explication.

I defire to know what for a year the year, 1648 is, leaving the 1600 I The Declina devide thefe that are over 48, through 4, that comes even our without tion of the Sunne remaining (for 12 tims 4 is 48) whereby I finde the yeare 1648 to be a II. Explication.

comes out of his leape-year. running some time running along the Echi ruca line, al- 1600, I devide the 47 through 4, and find that the there remaine 4 (for ter this manner: 11 times 4 is 44, the fame from 47, remaines 3) out of which I finde the leave A his nor yeare 47, to be the third yeare after the leape yeare.

ther and B the Forte Know the fame without account, look upon this following lif-fourther Pole of the Table, the first Columne are leape-years, the fecond third & fourth the World. CPE Columnes, are 3 yeares after the leape-yeares,

| Leape yeares          | First     |                                         | Second   |              | Third.    |     |
|-----------------------|-----------|-----------------------------------------|----------|--------------|-----------|-----|
| 1:48                  | 1649      | *************************************** | 1610     |              | 1651      |     |
| 1652                  | 1653      |                                         | 1654     | -            | 1655      |     |
|                       | 1657      |                                         | 1658     |              | 1619      |     |
| The fecond, for to k  | now wl    | nat Table                               | men mu   | it ule, tore | very year | re, |
| t stands above each   | of the fo | llowing T                               | ables no | ted.         |           |     |
| IL TERRITOR RECOVERED | 115       | eplication                              |          |              |           |     |

In the fecond yeare after the leape-yeare upon the 20 of May, I defire to know the Declination of the Sunne, I feeke in the Tables, in the fefollowing his course from H, to F, comes in the beginning of Libra again cond years of the moneth May and there under in the first Columne, the on the line without Declination, Going forthfrom it to G, til in M, the be
figures of the twentieft day, finde there befides in the fecond Columne on the line without Deciminon, coing internation. Obstitution, tieses in liggers of the wentieth only indicate the entered of a failing of Sagitary, he find then be removed or declined from the line of 1 obstitution of the sunne. And because that is between the continuous of the Sunne. And because that is between the 2 of March and the 2 3 September. (that

For to find the Defination of the Same upon every day of the year.

The Same-yeare (that is the time that the Sun goeth out a certaine of the Leape-year the moneth of February & count in the first Columne. In e sonne-yeare (trait se tie sinte tint on song good on a section of grife Leape-year the moleculor Coming of Control of the report in the Ecliptica, and turneth againe in the fame) is even with the 13 day, fade there review to 13 degr. 47 minhefore the Declinapoint in the Ecliptica and 49 minhefore the Declinapoint in the Ecliptica and 49 minhefore the Declinapoint of the Sunne aponthe fame day, because that is between the 33 of 35 dayes, but about 5 lowers and 49 minhefore the Declinapoint of the Sunne aponthe fame day, because that is between the 33 of 35 dayes, but about 5 lowers and 49 minhefore the Declinapoint of the Sunne aponthe fame day, because that is between the 33 of 35 dayes but about 5 lowers and 49 minhefore the Declinapoint of the Sunne aponthe fame day. 355 cayes, but about 5 noures and 49 minutes have 15 to 16 the September, and the 2001 March, that the Sunne goet a by fouth the li-

| ifference, that foure rev               | Olution | is Of the our |             |           | 1 1         |             | Geft verr                              | after | the   | L     | EΑ      | Ρ.    | Y     | E /   | \ R   | E.    |     |
|-----------------------------------------|---------|---------------|-------------|-----------|-------------|-------------|----------------------------------------|-------|-------|-------|---------|-------|-------|-------|-------|-------|-----|
| Table, of the Dec                       | linatio | on of the     | Sunne.      | New It    | yie, v      | Pontile     | Line yes                               | 7     | Septe | mb.   | Odo     | oer.  | No    | remb  | · Dec | emb   | 7   |
| anuarius. Februari                      |         |               |             |           |             |             |                                        |       |       |       | da   de |       |       |       |       |       |     |
| a. de mi. da. de mi.                    | da.     | de. mi. da.   | de. mi. da. | de. mi.   | 2. de. h    | n.oa. jac.  | 1 dz dc mi.<br>9 1 7 5 7<br>1 2 1 7 42 | 1     |       | 8 6   | 1 3     | 27    | 1 1   | 4 44  | I     |       |     |
| 123 5 1 17 8                            | 1       | 7 13 1        | 4 3 5 1     | 15 22     | 1 2 2 2     | 1 2 2 3     | 1 21742                                |       | 2     | 7 43  |         | 51    | 2 1   | 5 3   | 1 2.  | 22 1  |     |
| 2 23 0 2 16 51                          | 2       | 627 2         | 5 4 1 2     | 15 57     | 3 2 2 2     | 8 3 23      | 0 317 26                               | 1     | 3     | 7 21  |         |       |       | 5 2 2 |       | 2 2 1 |     |
| 3 22 54 3 16 33                         | - 1-3   | 4 4 4         | 6 1 4       | 16 14     | 4 2 2 3     | 11 4 22     | 55 4 17 10                             |       |       | 659   |         |       | 4 1   | 5 4 1 | 4     | 222   |     |
| 4 2 2 48 4 16 16                        | 1 3     | اء ادداء ا    | 6 27 6      | 1 6 2 1   | 5 2 7 14    | 2 5 2 2 2 1 | 19 ) 10 / 7                            | 1     | 6     | 6 14  |         |       |       | 5 55  |       | 2213  |     |
| 5 2 2 4 4 5 1 5 5 7 6 2 2 3 4 6 1 5 3 9 | 1 6     | e17 6         | 6 53 6      | 1648      | ( 4         | 8 6 2 2     | 43 0 10 37                             | i     |       |       | _       | 1 7   | -1    | 6 3   | 1-    |       |     |
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| 8 22 19 8 15 1                          | í       |               |             |           |             |             |                                        |       | 9     |       | 9       | 3 3   | 9 1   | 17/9  | 9 9   | 22    | 9   |
| 9 22 10 0 14 12                         | _5      | 4 7 9         | 757 5       | 12/37     | 923         | 9 22        | 9 15 46                                | 1     | 10    | 4 4 2 | 10      | 56    | 10 7  | 7 2   | 5 10  | 2 3   | 4   |
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| 12 21 43 12 13 43                       | 1 2     | 1             | 2412        | 18 117    | 1 3 2 2 2 2 | 2011 21     | 5 5 1 1 3,2 4 15 2                     | 1     | 13    | 3 3 4 | 13      | 5     | 13    | 181   | 4 13  | 23 1  | 8   |
| 132133131323                            | 10      |               |             |           |             |             |                                        |       | 14    | 3 1   | 14      | 27    | 14    | 18 4  | 14    | 2 3   | 2.4 |
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| 152111151241                            | 10      |               |             |           |             |             |                                        |       | 16    |       | 16      | 9 2 2 | 10    | 19 1  | 110   | 23    | 28  |
| 1621 0161221<br>1720481712 0            | 100     |               |             |           |             |             |                                        |       | 18    | 1 3   | 1 8     | 9 5 5 | 18    | 192   | 918   | 23    | 30  |
| 18 20 36 18 11 39                       | 1       |               |             |           |             |             |                                        |       | 1.0   | -11:  | 1 9 1   | 17    | 19    | 194   | 3 19  | 23    | 31  |
| 192024191118                            | 1       | 0 0 10 19     | 1131 15     | 1959      | 1923        | 311920      | 50 19 12 3                             | g Eq. | 20    | 0 5   | 201     | 0139  | 20    | 195   | 7 20  | 23    | 3 1 |
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| 211957211035                            | 2       | 1 0 37 2 1    | 12 11 2     | 20 23     |             |             | 15 22 113                              | 7     | 2 2   | 0 -   | 4 2 2 1 | 1 2 1 | 2.2   | 202   | 3 22  | 2 3   | 3 1 |
| 22 19 44 22 10 13                       |         | 2 1 1 22      | 12312       | 2 2 0 3 5 | 22 23       | 20 22 20    | 2 2 3 1 1 1                            | 7     | 2 3   | 0 2   | 0 2 3 1 | 1 +2  | 2 3   | 203   | 6 23  | 23    | 35  |
| 23 19 30 23 9 51                        | 2       |               |             |           |             |             |                                        |       | 24    | 04    | 3 24 1  | 2 3   | 24    | 204   | 8 24  | 2.3   | 23  |
| 24 19 15 24 9 29                        | 2       |               |             | 0         | 2 6 2 2     | 20 20 110   | 2726103                                | 01    | 2.5   | 1     | 6 25 1  | 2 2 4 | 25    | 20 5  | 9 2 5 | 2 3   | 2   |
| 25 19 125 9 6                           | 2       |               |             |           |             |             |                                        |       |       | 1 3   | 0 26 1  | 2 45  | 26    | 211,  | 2 2 2 | 2 3   | 2   |
| 2618 45 26 8 44                         | 2       |               |             |           |             |             |                                        |       | 2.7   | 15    | 7 28 1  | 3 6   | 127   | =15   | -1-4  | 22    | 10  |
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| 21 1 8 14 28 7 59                       | `2      |               |             |           |             |             |                                        |       | 29    | 2.4   | 4 30    | 114   |       | 21 5  | 2 30  | 23    | 1   |
| 29 17 58 29 7 36                        |         | 0 4 9 34      |             |           |             |             |                                        | 2     | 30    |       | 1       | 1 2   | ڪُاءَ | -1    |       |       |     |
| 30 37 42                                | 3       | 1 432         | 3           | 1 22 5    |             | 1 31 18     | 1231 82                                | 71    |       |       | 131     | 7.2   |       |       |       | lanua | rit |

## A breefe Instruction off the Art off Navigation.

## TABLE

Of the Declination of the Sunne.

New Style, Voon the first yeare, after the L E A P-Y E A R E.

| A. C. mid. A. C. mid   |                           | .1                                                                                     |                                                |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Januarius, Februari.      | Martius.   A prilis   Majus.   Junius.   Julius.   Augustus.                           | Septemb. October. Novemb. Decemb-              |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                           | da.  de. mi. da.  de.   mi. da. de.   mi. da.  de.   mi. da.  de.   mi. da.  de.   mi. | da. de. mi. da de. mi. da. de. mi. da. de. mi. |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                           | 1 7 18 1 449 T 15 18 1 2 2 11 1 2 3 11 T 18 C                                          |                                                |
| 3   23   10   10   10   10   10   10   10   1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                           |                                                                                        | 2 749 2 344 2 14 58 2 22 8                     |
| 3   2   2   3   3   3   4   3   5   6   4   5   6   6   7   6   7   6   7   6   7   6   7   6   7   6   7   6   7   6   7   6   7   6   7   6   7   6   7   6   7   6   7   6   7   6   7   6   7   6   7   6   7   6   7   6   7   6   7   6   7   6   7   6   7   7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1 - 1 - 1 - 1 - 1 - 1 - 1 |                                                                                        |                                                |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                           |                                                                                        |                                                |
| Called   C   | 5 22 35 5 5 43            |                                                                                        | 6 6 20 6 6 18 6 16 12 6 22 29                  |
| 7   13   13   13   13   13   13   13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                           |                                                                                        |                                                |
| S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                           |                                                                                        |                                                |
| 9   4  19   9   7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  19   9  7  1   |                           |                                                                                        |                                                |
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| 10   15   15   15   15   15   15   15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                           | 10 2 10 10 8 12 10 17 40 10 23 2 10 22 17 10 10 32                                     | 10 4 50 10 6 50 10 17 22 10 2 3 3              |
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| 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 112144111348              | 11 3 25 12 8 25 12 18 10 12 22 15 12 22 15 17 15 6                                     |                                                |
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| 17   20   19   11   14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                           | 16 127 16 10 22 16 19 17 16 2 3 27 16 2 1 24 16 13 41                                  |                                                |
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| 136   18   4   2   8   37   2   2   2   2   14   47   21   27   27   27   23   24   27   19   19   27   147   27   27   27   23   24   27   19   19   28   21   23   23   24   24   23   24   24   24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                           | 20 20 20 12 45 26 21 17 26 2 3 26 26 19 26 26 10 20                                    | 26 124 26 12 39 26 21 9 26 23 2                |
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|                                             | Vpon the Second yeare, after the LEAP-YEA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | RE.                                                                                        |
| anuarius. Februari.\                        | Marrius, Aprilis. Majus,   Iunius.   Augustus.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Septemb October. Novem, Decemb.                                                            |
|                                             | da, de mi da de mi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | da.  de.  mi  da  de.  mi  da.  de.  mi  da  de  mi  <br>1 8 17 1 3 16 1 1 4 3 5 1 2 1 5 7 |
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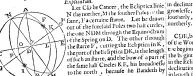
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| [20]20] 7 * *   10] \$ 0, ** |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 21 045 21 104121 20 2 21 23 31                                         |
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| 22 19 40 22 16 7             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 23 0 2 23 11 27 23 20 27 23 23 31                                      |
| 23 19 26 23 9 45             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 24 025 24 11 48 24 20 4 24 23 30                                       |
| 24191124 922                 | 124 131 12 12 15 12 22 20 21 22 22 22 23 25 25 25 25 25 25 25 25 25 25 25 25 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 25, 049 25 12 9 25 20 52 25 23,29                                      |
| 25 18 56 25 9 0              | 25 15425 13 16 25 21 1,2 3 2 3 2 9 2 5 1 9 46 2 5 10 5 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 26 112 26 12 30 26 21 3 26 2 3 27                                      |
| 26 18 1 2 6 8 37             | 20 2 18 26 13 35 26 21 12 26 23 27 26 19 32 26 10 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 27 136 27 12 50 27 21 14 27 23 24                                      |
| 27 1 8 25 27 8 15            | 27 242 2713 55 27 21 22 27 23 25 27 19 19 27 10 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 28 159 28 13 10 28 21 25 28 22 21                                      |
| 28181028 752                 | 28 3 5 28 14 1 3 28 21 5 2 28 2 3 2 2 28 19 6 28 9 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 29 223 29 13 31 29 21 36 29 23 18                                      |
| 29 17 53                     | 29 3 28 29 14 3 2 29 2 1 4 2 29 23 19 29 18 51 29 92 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 30 246 3013 52 30 21 45 30 23 14                                       |
| 30 17 37                     | 30 350 30 14 51 30 21 51 3 5 23 10 50 10 37 30 31 31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                        |
|                              | 31 4 14 31 22 0:   131 18 22 31 8 +4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3114 11 3123 10                                                        |
| 131117112-                   | It and Calle fixed Starres Afcention of fuch a ftar                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | re, and the bow of the part of the same Circles,                       |

Us to single magricule in the control to include the fixed flarres, the control to provide the control to the fourth.

He flarres of the eighted heaven are called the fixed flarres, the control to the outs, the control the control to the control He tarres of the eignest mesons are caused the axes harres, but the because they are (not alike the Hanness without moving) because they are (not alike the Hanness without moving) because the sum of the foutherly, fouthward from thence.



Of the eight Ascention and declination of the fixed Starres.

The right Afcention of the flarres is a part of the Equinoctials, flanding betwirt 2 halte circles, going both out of the Poles of the World, the one through the Equinoctium of the Spring, the other through the flarres. Their declination, a bow of fuch a halfe Circle betwixt the Equinoctiall, and the fame starres, which are also two severall, northerly, which flands by north the Line, and foutherly which flands by fouth.

Explication.

In the former figure is CDE the Equinoctial line, A the norther, and B the fouther! ole of the World, Fa certaine flarre, draw out of the forefaid Poles two halfe circles, the one A D B through the Equinoctium retaul rotes two name circles, one one A. D. in congruine Explanations or beginning of Arietes, the other through B in the farm, the fine cuts the Equinocitial. If the fine Star comes in length to prince the Equinocitial in N. The part of the liquit country Y, his Declination final be YZ, by N the Line. That is

another round about, and are accounted after their length and recounts, the length is a part of the Ediptica, gashered; each strought length is a part of the Ediptica, gashered; each strought the going both out of the Poles of the Ediptica, the one through the going both out of the Poles of the Ediptica, the one through the bles, going both out of the Poles of the Ecliptica, the one through the Equinochtum of the Spring or beginning Anets, the other through the Equinochtum of the Spring or beginning Anets, the other through the Spring of the Poles of the Ecliptica and Ecliptica and Spring of the Eclip and fome other more, doe change every three yeares about one minute Let CD be Cancer, the Eclipticalinie in declination, and some can not change in 50 yeares one minute. Some An experiment rule conjugating in second rules of the control of t

Explication.

the one NDM through the Equinochum of the Spring on D. The other through the Barre F, cutting the Ecliptical is K, the flare F, cutting the Ecliptical is K, the part of the Ecliptical inc. NM the Poles of the flame, G the part of the Ecliptical inc. NM the Poles of the flame, G the part of the Ecliptical inc. NM the Poles of the flame, G the part of the European D. N. S. The energin of the Charlest Agent of the Charlest Charlest R. B. In Street Charlest C



from the first & fignes, Capricornus, Acquarius, Pifces, Aries, Taurus, Gemini. Upon the same mariner to the contrary in the other 6 figures, Cancer, Leo, Virgo, Libra, Scorpius, and Sagitarius, as followeth. In Cancer, Leo, Virgo, Libra. Scorpius, and Sagirairis, as followerth. In the fame figure being H the beginning Caneri, D Libra, and G the end Sagirary If a farre on T, having northerly Dechnation TI, runneth in length Illin B, his declination EV, is 16ff or then T, because he is come rearrer to the Equinochtal, but if the fame in length over runnerh 100. The B, his declination which was first N, flast then be fourtherly from B in D.

Thompst the foorful meaning the scholar hazar channels.

Bons accumation which was firth N man time to counterly from Bin D. II
Through the forefail moving of the eighted haven changeth alid. The
the declination of the northflarre, which grouves now every year more, that is he turneth how longer how more from the Equinocitial, and I'll
come intended to the Pole, which finall endure unto the year of our Lord
from the first of the Pole, which finall endure unto the year of our Lord
for the pole of the Pole, which finall endure unto the year of our Lord
for the pole of the Pole, which finall endure unto the year of our Lord
for the pole of the Pole
for the Pole of the Pole of the Pole of the Pole
for the Pole of the Pole
for the Pole of the Pole
for the Pole 2091, then shall be be upon the nearest unto the Pole, and no more then 26 minut, and an halfe diftant from thence, and after that time turne by little and little againe from thence fo that he after 1270 yeares shall frand of from the Pole 47 degrees, 56 minutes. How this can be, may be plainly understood out of this following Explication.

A being the northerpole of the world, in the midft of the Equino-Ciall B D F C: N the Pole of the Ecliptica, in the midft of the Ecliptic ca EDGC: H the north-starre, his broadnesse of the Ecliptica is QH 66 degrees, 2 minutes, and his diffance from the Pole of the Sodiacx N H , 23

degrees, 5 8 minutes, these be alwayes the felfe fame, like as the broadnesse and diftance of all the fixed ftarres of the Sodiacx-Pole as is faid before, his length of the Equinoctium of the Spring, or bethe Equinocumin of the apring, or de-ginning Arietis was before the yeare 1625 CQ 83 degrees 24 minutes. Let out of N, the Pole of the Eclipti-ca, an Circle be written, as I L K O H,

whose halfe Diametre be NH, 23 degrees, 58 minutes, even on the diffance The brighterlijn the fide of Perfeus. [48 31 41 29 28 33]41 27 of the north-starre of the Sodiacx-pole, there within is besieged the

north pole of the World A , as being somewhat lesse diltant from the Sodiack pole then the north starre upon such an Circle doth the norther-ftarre his turning round about the Sodiacx-pole, fo as al fixed ltar-res, 25400 yeares) his diftance from the Pole of the World is before the years 1645 A.H., a degrees, 35 minut, and final become in the years if our Lord 205 through the forefail moving, from Hin I, upon the nearest on A, the Pole of the World, and stand from thence no more T then 27 minut, and an half Going forth from I, along L, till in K, he T halb e dittant from the pole of the world A K, 47 degr. 56 minutes.

Because the starres, doe not alwayes hold one declination, have we, at service of all mariners (or Sea-fearing men) preapared these two following Tables: The first sheweth her declination for the yeare 1645 the fecondfor the yeare 16655. Besides the declination, there is put unto Pi it the Complement of the declination, that is, how farre the same stands R from the Pole.

Table off the declination off the principall fixed starres, together her distance from the Pole, upon the years of 1645 and 1655.

These following (standing all by south the Equino-Stiall Line) have foutherly Declination.

From the north-starre Alrucuba, beginneth the northerly Declination.

|                                                                             | A                      | nno                | 16                  | 45.   | Α                  | nno                    | 16           | 55.  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------------------------------------------------------------|------------------------|--------------------|---------------------|-------|--------------------|------------------------|--------------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                             | Sour<br>ly de<br>natio | her<br>cli-<br>on. | The<br>fron<br>Pole | diff. | Sou<br>ly d<br>nat | ther-<br>ecli-<br>ion- | fron<br>Pole | the  | The state of the s |
|                                                                             | gr.                    | mi.                | gr.                 | mi.   | gr.                | mi                     | gr.          | Int. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| The northermost in the whales tayle.                                        |                        |                    |                     |       |                    |                        | 79           | 17   | J                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| The fouthermost in the whales tayle.                                        |                        | 57                 | 7 C                 | 3     | 19                 | 54                     | 70           | 6    | ł                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Recel, the left foot of Orion.                                              | 8                      | 39                 | 8 1                 | 21    | 8                  | 38                     | 81           | 22   | I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| The first of the three in the Girdle of                                     |                        | ١.                 |                     | ١.,   |                    | ا ا                    | 89           | 24   | Ì                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Orion, or the 3 Kings.                                                      | l °                    | 36                 | 88                  |       |                    |                        |              | 3 3  | l                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| The fecond in the girdle, or 3 Kings. The third,                            | 1;                     |                    | 87                  |       |                    | 10                     |              | 50   | i                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| The great Dogge, Syrins.                                                    | 1.6                    |                    |                     |       |                    | 13                     |              | 42   | Ì                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| The hart of the waterinake.                                                 | 7                      |                    | 82                  |       |                    | 10                     |              | 501  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Spica Virginis, or the corneare.                                            | و ا                    | 115                | 80                  | 45    | 9                  | 18                     | 80           | 42   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| The fourh Balance.                                                          | 14                     | 30                 | 7 5                 | 30    | 14                 | 33                     |              | 27   | ı                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| The north Balance.                                                          | 8                      | 1                  | 8 1                 | 59    | 8                  | 4                      | 81           | 5.6  | ı                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| The northermost and first is the left-                                      |                        | í                  | ١.                  | 1.    |                    |                        | 8 6          |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| hand of the fnakebrarer Ophiuchus.                                          | 2                      |                    | 187                 |       | 2                  | 48                     | 80           | 12   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| The left knee of Ophiuchus.                                                 | 1.9                    | 46                 |                     |       |                    | 13                     |              |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| The right knee of the finkeberer                                            | 11.5                   | 1.                 | 171                 |       | 1,                 | 120                    | 74           |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Antares the hart of the Scorpiou.<br>The northermost of the two in the hor- |                        | 133                | 1/1                 | 17    | 1.                 | γ,                     | í T          | '    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Des of Capricorne.                                                          | 13                     | 33                 | 70                  | (2)   | ds,                | 3   3 2                | 76           | 28   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

|                                     | 3   | DU  | the  | 11   | The | dill | . 50   | nthe | r: I | hc          | Qill.         | 1 |
|-------------------------------------|-----|-----|------|------|-----|------|--------|------|------|-------------|---------------|---|
|                                     | 112 | ٠d  | ecli | -16  | TOT | n th | e: lve | ecli | · f  | ton         | i th <b>e</b> | 1 |
|                                     | n.  | rti | on.  |      | 2al |      | na     | ion. | į.   | Pole        |               | 1 |
|                                     | g   | r.  | mi   |      | gr, | mi   | gr     | mi   |      | gr.         | mi.           |   |
| ie fouthermost of the two           | I   | 5   | 50   | 3    | 74  | 10   | i i    | 4    | 9    | 74          | 1 I           | 1 |
| eformer or most welterly of the 2   | L   |     |      | 1    |     |      | 1.     | ١.   | Ì    |             |               | ١ |
| flarres in the tayle of Capricorne. |     |     |      |      |     |      | jii    |      | 0 1  | 71          | 134           | l |
| ne fecond most calterly.            | 1   | 7   | 35   | i';  | 72  | 2 1  | 1;     | 13   | 7!   | 72          | 23            | Ì |
| te left fhoulder of Aquarius.       |     | 7   | . 4  | , 1  | 8 z | 50   | 1 2    | 1    | 2    | <b>\$</b> 2 | 58            | ł |
| ne right (houlder of Aquarius.      |     | 2   | ٩    | ٠, ١ | 5 5 | 10   | 1      | 5    | 7    | \$ 8        | , ,           | l |
| ne uttermott of Aquarius named Fa-  |     |     |      | 1    |     | 1    | 1      | 1    | 1    |             | ١.            | ŧ |
| mahand.                             | 3   | 1   | 2 5  | '3   | 8   | 3.5  | 3      | 1 2  | 2'   | 58          | 38            | ١ |
|                                     | ٦,  | Aı  | one  | )    | 16  | 45.  | T      | An   | no   | 1           | 655           | 1 |

Anno 1645. | Anno 1655

Northerly Diffance | Northe | Diffance

| ļr                                     | Declina- | from the | ly decli- | trom the |
|----------------------------------------|----------|----------|-----------|----------|
| Įt                                     | ion.     | N-pool.  | nation.   | N.pool.  |
|                                        | gr. mi.  | gr. [mi. | gr. mi.   | gr. mi.  |
| Alrucubathe north ftarre.              | 87.25    | 2 3 5    | 87 28     | 2 3 2    |
| The middlemost or brightest of the     | 1        |          | 1 1       | 1 1      |
| Watchmen.                              | 75 40    | 14 20    | 75 37     | 1423     |
| The breft of Caffiopea.                | 54 37    | 35 23    |           | 35 20    |
| The hippe of Caffiopeia.               | 58 49    | 31 13    | 58 52     | 131 8    |
| The knee of Caffiopeia,                | 58122    | 3133     | 58125     | 3135     |
| The brightest in the cleare of Cassio. | 57 13    | 32 47    | 57 17     | 32 43    |
| The heed of Andromeda.                 | 27 9     | 62 51    | 27 12     |          |
| The Gridle of Andromeda.               | 33 47    | 56 13    | 33 50     |          |
|                                        | 40 36    | 40 24    | 40 39     |          |
| The brightest in the head of the Ram.  | 21 46    | 68 14    | 21 45     | 68 11    |
| The brightest in the mouth of the wha- | 1 1      | 1 /      | 1 1       | 1. 1 .   |
| le.                                    | 2 40     | 87 20    | 2 42      | 87 18    |
| The brightest in the head of Medusa.   | 3933     | 10 27    | 39 35     | 50 25    |

| Aldebaran the fouth eye of the Bul.      | 15 | 18 | 74  | 12  | 15 | 50  | 74 | 10  |   |
|------------------------------------------|----|----|-----|-----|----|-----|----|-----|---|
| The north-horn of the Bull.              | 28 | 16 | .61 | 4.4 | 28 | 17  | 61 | 43  | ļ |
| The fouth-home of the Bull.              | 20 | 54 | 69  | 6   | 20 | 5 4 | 69 | 6   | ı |
| The left shoulder off the Gyant Orion.   | ٠, | 59 | 84  | 1   | 6  | 0   | 84 | . 0 |   |
| The right shoulder of Orion.             | ,  | 18 | 82  | 42  | 7  | 18  | 82 | 42  |   |
| Fig Canalla in the lafe floudden         |    | ı  | 1   |     |    |     |    | 1   |   |
| of the carter Erichtonius.               | 45 | 35 | 44  | 25  | 45 | 36  | 44 | 26  |   |
| The right shoulder of Erichtonius.       | 44 | 35 | 45  | 8   | 44 | 52  | 45 | 8   |   |
| The briggeft in the foot of the twinnes, | 16 | 40 | 73  | 20  | 16 | 40  | 73 | 20  |   |
|                                          |    |    |     |     |    |     |    |     |   |

| e right induder of Effectionias.       | 4.4 | , - | 49  |    | 7.7 | , - | Τ. |
|----------------------------------------|-----|-----|-----|----|-----|-----|----|
| e brigtest in the foot of the twinnes. | 16  | 40  | 73  | 20 | 16  | 40  | 7: |
| c head off the northermost twinne      |     |     |     | 1  |     | 1   | 1  |
| Caftor. ~                              | 32  | 36  | 57  | 24 | 32  | 35  | 57 |
| e head off the fouthermost twinne      | 1   | 1   |     |    |     |     | 1  |
| - 11                                   | 128 |     | 16- | 10 | 28  | 40  | 6  |

| Procyon the little Dogge.                                                  | 6   | 7   | 8 3 | 53 | 6   | 6  | 83 | 54 |
|----------------------------------------------------------------------------|-----|-----|-----|----|-----|----|----|----|
| Regulus, Bafilifcus the hart of the Lion                                   | 13  | 40  | 76  | 20 | 13  | 37 | 76 | 23 |
|                                                                            |     |     |     |    |     |    |    |    |
| of the Lion.                                                               | 2 1 | 37  | 68  | 23 | 2 I | 34 | 68 | 26 |
| of the Lion. The brightest in the back of the Lyon. The tayle of the Lyon. | 22  | 28  | 67  | 32 | 22  | 24 | 67 | 36 |
| The tayle of the Lyon.                                                     | 16  | 3 3 | 73  | 27 | 16  | 30 | 73 | 30 |
| The northermost hinderwhele off the                                        | 1   | 1   | 1   |    | i   |    |    |    |

|                                                   |     |   | 40 |     |    |    |    |     |   |
|---------------------------------------------------|-----|---|----|-----|----|----|----|-----|---|
| great Wagon. The northermost forewhele of the wa- | 1 5 | 3 | 17 | 3 1 | 43 | 58 | 14 | 3 ¥ | 4 |
| The northermost forewhele or the wa-              | 59  | i |    | 2.5 |    | 58 | 57 | 3 1 | i |

| gon.                                     | ) > | 1 " | 13 I | I۳ | ٠, ۰ | 127 | 12.4 | , , | ı |
|------------------------------------------|-----|-----|------|----|------|-----|------|-----|---|
| The fouther forewheele of the Wagon.     | 55  | 41  | 34   | 19 | 155  | 37  | 134  | 22  | į |
| The neerest Horse to the Wagon.          | 57  | 56  | 34   | 4  | 57   | 53  | 32   | 7   | İ |
| The middlemost Horse.                    | 50  | 49  | 33   | 11 | 56   | 46  | 33   | 14  |   |
| The fouthermost Horse.                   | 51  | 8   |      | 52 |      |     | 38   | 55  | i |
| Vindemiatrix the north wing of Virgo.    | 12  | 154 | 27   | 6  | 12   | 51  | 77   | ' 9 | į |
| The Girdle of the Virgin.                | İs  | 2.2 | 84   | 38 | 39   | 19  | 84   | 41  | ŀ |
| The left shoulder of Bootes.             | 39  | 50  | 50   | 10 | 39   | 47  | 50   | 13  |   |
| The bright star betwixt the high: es off | ĺ   |     |      |    |      |     |      | ١.  | i |
| Boores Arcturus                          | 2 1 | 5   | 68   | 55 | 2 I  | 2   | 68   | 58  | I |
| The brightest in the north Crowne.       | 27  | 57  | 62   | 3  | 27   | 55  | 62   | 5   | ١ |
| The brightest in the neck of the Ser-    |     |     | 1    | i. | 1    |     | 1    | 1   | ١ |

| pent Opiuchus.                         | 7  | 37       | 82  | 2 3 | 7   | 35 | 8 2 | 2 5 |
|----------------------------------------|----|----------|-----|-----|-----|----|-----|-----|
| The head of Hercules.                  | 14 | 5 I      | 75  | 9   | 14  | 50 | 75  | 10  |
| The head of the Serpenthearer.         | 12 | 52       | 177 | 8   | 12  | 51 | 77  | 1 9 |
| The brightest in the Dragonshead.      | 51 | 37       | 38  | 23  | 51  | 37 | 38  | 2 3 |
| Lyra.                                  | 38 | 30<br>24 | 5 x | 30  | 38  | 30 | 51  | 3 c |
| The tayle of the Eagle.                | 13 | 24       | 76  | 36  | ,13 | 25 | 76  | 35  |
| Vultur the middlemoft and brighteft in | 1  | t t      |     | 1.  | 1   |    | 1   | 1   |
| the Eagle.                             | 8  | 0        | 8 2 | 0   | 8   | 1  | 8 1 | 55  |
| mm 1 0 01 0                            | 20 | ۱ .      | 1   |     | 20  |    | 100 | 110 |

| Vultur the middlemoft and brightest in     |     | 1  |    | 1  |    |     |    |    |
|--------------------------------------------|-----|----|----|----|----|-----|----|----|
| the Eagle.                                 | - 8 | 0  |    |    |    |     |    | 59 |
|                                            | 39  |    | 50 |    |    |     |    |    |
| The taile of the Swanne.                   | 44  | 3  | 45 | 57 | 44 | 5   | 45 | 55 |
| The Gridle of Cephus.                      | 64  |    | 20 | 59 | 69 | 3   | 20 | 57 |
| That in the mouth of Pegalus.              |     | 16 |    |    |    |     |    |    |
| fheat the brigtest in the legge of Pegasus | 26  | 10 | 73 | 50 | 26 | 13  | 73 | 47 |
| Marcab the foot of Pegalus.                | 13  | 19 | 76 | 41 | 13 | 2 1 | 76 | 39 |

The uttermost in the wing of Pegasus. 13 13 76 4713 1676 44

Idelire to know the Declination of the fourthermost: fore wheele of Mayon for the year 150. I find in the Table of the year 1645; i limit found fact of the limit found fact of the limit found fact of the limit found fact of the limit found fact of the limit found fact of the limit found fact of the limit found fact of the limit found fact of the limit found fact of the limit found fact of the limit found fact of the limit found fact of the limit found fact of the limit found fact of the limit found fact of the limit found fact of the limit found fact of the limit found fact of the limit found fact of the limit found fact of the limit found fact of the limit found fact of the limit found fact of the limit found fact of the limit found fact of the limit found fact of the limit found fact of the limit found fact of the limit fact of the limit found fact of the limit found fact of the limit found fact of the limit found fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit found fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the limit fact of the I defire to know the Declination of the fouthermost fore wheele of tes, the number proportioned as the yeares, I find 55 degrees, 41 minutes, leffening declinated.

#### II. Example.

I defire to know the declination of Aldebaran, the eye of the Bull in the yeare 1650. I find in the table for the yeare 1645. 15 degrees, 48 minutes, for the yeare 1655. 15 deg. 50 min, the number proportioned as the yeares, I finde 15 degr. 49 minut. increasing declination.

## Instruction how men shall easily know the fixed starres, upon what time every one of the same comes on the south.

and understanding Pilote; therefore, because we have in the former head-point described the declination of the fixed starres and their di-Rance from the Pole, we will thew here a way and certaine Instruction for to know the same easily, and that it all time perfectly may be known when each of the same comes in the fouth or upon the highest, and when they are fit for to be used. First, must be knowne, that the Sunneway in the haven flands unmoveable with the fixed flarres, which with the same once every day turnes round, from the east to the west, without changing; but that the Sunne doth against these foresaid yearly turning, from west to the east, through which he, in his dayly going round, doth decline fo much, that he in a yeare goeth once leffe round then the fixed starres, and that the fixed starres in a yeare doe turne once more then the Sunne, so that every day the same doe come 4 minutes fooner on the fouth, that is every weeke about an halfe houre, and every moneth 2 houres. For to understand this more plainly, we will declare that with an Example, with the flarre which is called Syving, or the great Dogge, which followerh alwayes a little after the Gyant Child Syrins, the elegand Syrins that expend Start Board Syrins and the store when the surface of the start Syrins and the store when the surface of the start Syrins and the store when the surface of the start Syrins and the store when the surface of the start Syrins and the store when the surface of the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start Syrins and the start S ve the great Dogge, it is the greatest and clearest of all the fixed starres, some with some other stars, and it called Arcustand also most knowne of al Sea fearing men , his declation is by fouth 12 degrees 8 minutes. the Line 16 degrees and 13 minutes, the fame comes in the fouth the 24 of Ianuary, atten a clocke in the evening. The 23 of February at 8 a clocke in the evening. The 28 of March at 6 a clocke in the evening. The 30 of April at 4a clock in the evening. The 30 of May, in the atter-noone at 2 a clocke. The 28 of Iune at noone about 12 a clocke, to gether with the Sunne. The 28 of Iuly, in the fore-noone at 10 a clocke. The 29 of August, in the fore-noone at 8 a clocke. The first of October, in the morning at 6a clocke. The 20 of November in the morning at 4a clocke. The 1 of December at 2 a clock in the morning The 28 of December, in the night, at 12 a clocke.

Out of which every one can eafily reckon upon what houre and time these foresaid starre upon all other dayes of the yeares comes in the fouth, as well by day, when a men can not fee him, as by night, when a men can fee him. If you also defire to know that of all other fixed starres upon al the dayes of the yeare: then you must first seeke out of that which is before fayd, upon what houre of your minded day the great Dogge comes on the fouth, & afterwards out of the following description of the starres how many times such an starre, as you defire comes after or before the great Dogge on the fouth, then you shall finde the just and perfect time which you defire-

#### The counterfaiting of the fixed flarres, and upon what time every one of the same comes on the foutb.

#### The Twinnes.

The figure Genini (in English the Twinnen) is finanted direct north, from the great page of the first three deficiency, the north head the form of flares are at its here deficiency, the north head the seed comments on mineral three of comments on mineral three of comments on mineral three of comments on mineral three of comments on mineral three of comments on mineral three of comments on mineral three of comments on mineral three of comments on mineral three of comments on mineral three of comments on mineral three of comments on the first of the form of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of th

clination is two and thirtie degrees, and 37 minutes from the line northward.

The fouth and lowest head thereof commeth \$4 minutes after the
great Dogge into the fourh; and
bath his declination towards the S Head

north, 28 degrees, 51 minutes,
The clearest in the foot commeth
2 quarter of an houre before the
great Dogge into the fouth his, declination is 16 degrees, and 40 minutes towards the north.

Canis miner or the little Dogge, called Canicula, Procton. Canti minor or the sittle Dogge, called Lantesia, I reston.
This little Dogge Canicula, hard, jurare, as this former the clearest of them comments go min, after the great Dogge into the fouth; his declination is fix degrees, 8 minutes in the northide of the line.

The Water finale, Hydra.

The Harte or the clearest in the VVatersnake commeth after Syrius The Lyon.

Neck. other, as is here fet forth the first and foremost of them is called Regulus or

meth 3 houres & 30 min, after the great Dogge into the fouth, his declination The course of the fame comes on the fauth.

How necessary one of the fame comes on the fauth.

How necessary one profitable it is for a Sea-faring Man to have have been seen to be found to the found in season that the fame of the fame of free control of the fixed starters, and how to took the fame, of free control of the fixed starters, and how took the fame, of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of free control of the fame of the fame of free control of the fame of the fame of free control of the fame of the f

(Virgo.Cingulum Virginis.)

\* Geerdle

Virgo or the maide: Prigo or tre maids:

After followeth Vingo, whereof the principall and cleareft thew this shappe, at they are here portrayed; the Girdle of the Vingo comes into the fouth, fixe hours 1x minutes after the great Dogge, here declination is graded as graden as minutes in the north fide off the N.winge.

That which is an wing called Vindemia-trix comes into the fouth, 9 hours, 16 min-after the great Dogge, here declination is in the north fide of the line 13 degr. 57 min. Spica Virginis.

The Lyon hath foure beautifull llars, fit for use,

and sheweth it felf with

Bafilifcus otherwife the hart of the lion which co-

The eare of corne or spica Virginis com-meth 6 houres and 30 minut. after the great Dogge into the fouth her declination is 9 gr. 12 minutes in the fouth fide of the line.

Bootes the Crowne. Arthurus.

#### The norther Crowne. Corona. Ariadne.

After bootes followeth the north Crowne, beareing fashon of a circle, as followeth, of the Mariners, it is called the Hofpital, and when in cleare whether, they behold fome final flars in it, they call them the fick; the greated and cleared of then comes eight boures, 48 minutes after the great Dogge into the fouth, his declination is in the northide of the line 27 degrees; 39 minutes.

#### The Weights Libra.

The Ballance or Waights, followe the figne of Virgo, as followeth

The fourth ballance comes eight houres after the great Dogge to the fourth, its declination is in the fourthdar of the line 14 degr., 28 minutes. The north ballance comes 8 houres, 48 minutes are revisits to the fourth, the declination thereof is 7 degrees, 58 minutes in the fourthde of the line.

× S. Ballance. The Scorpion. Scorpius. Cor Scorpius. Antarus.

Then followesh the Scorpion, as this figure sheweth, the hart of Scorpius, Antares communel called, comes o houres, 48 minutes, after Syrius into the fouth, his declination is 25 degrees 32 minutes in the fouth fide

#### The Snakeberer, and Herculus. Serpentarius.

\*

chazion is 2 degrees 44 minut. South from the line.

The head of the Snakebearer comes to houres 40 minutes after Syrius to the fouth his declination 12 degrees, 32 minutes in the northfide of the line.

Worchead.

The head of Hercules standeth by

the head of Serpentarius, and comes 20 minutes before it into the fouth, and bath his declination northward #4 degrees, 12 minutes

A breefe Infirmation off the art off Navigation.

Liva. Vultur Cadens.

Then followes Lyra , in this manner , the greatest with two little ones byic, which the mariners call the three calles the hightest and cleaves farre, comes 11 houres, 55 minutes after the great Dogge into the fouth, the declination thereof is 38 degrees, 28 minutes in the north fide of the

The Eagle, Vultur volans Aquila Sygnus.

Showeth him felf as this figure declareth, the clarest of these that is to say the middlemost of the three, comes 13 houres after the great Bogge 1 or 21 houres, into the fourth the declarest hereof 17 degrees, 17 minutes, in the north side of the line.

The Swanner is shaped that the the most north in the bred, comments a houses, and make the core of 10 houses, 30 minutes into the fourth, 30 minutes into the fourth, 30 minutes into the fourth of the great Dogge, and hash into declination in the north fide of the large by degreate, y minutes; into the declination in the north fide of the large by degreate, y minutes.

Against Capat Media[s.

Somewhat more northerly followesh the head of M start, and hash shewed it differs in the year 1600,the north wing comes to house 4, minutes after the Dogge into the doubt, the northern declination thereof is 44 degrees, 13 minutes.

Cauda Sygni.

Tayle. The S. weing comes 14 houres after the greatDogge into the fouth, the declination off it is 32 graden and tion off it is 32 graden and thirty minutes in the north fide of the line. The lightelt and clearest of the Swanne, which is placed in the tayle of it, comes 14 houres, after Breft. Swing. the great Diage, or 10 hou-res before into the fouth, the declination of it is 44 degr. 1 minute in the north fide of the line.

> Capritorne.
> The most fourtherly and clearest of the two lightest is the houre of Ga pricorne, as is here to be feen, commeth 13 houres, 30 minutes at ter the great Dogge into the fouth,

N. Wing.

Bille.

The Flying Horfe Pegaliu.

The Flying Horfe Pegalius, we may tee in the heaven in this proportion, the flarre in the month comes 14 hours 65 minutes after, or phonera, 4 minutes before the great Dogge into the found, his declination is degrees 7 minutes.

That which flandeth on the right hippe or right legge salled the Scheat, the farise come 18 houres, 50 muntes after the great Dogge s. of 8 hour 44 muntes before a time the foliath, the declination of it is a degree, 7 minutes in the root of the property of the faring the come of the property of the faring the come of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property o

houres 44 minutes before it into the fouth; the declination there is 32 degrees, 23 minutes in the fouth fide of the line.

#### Cetus or the Whalefish.

After these follows the Whalefish, it hath two notable flarres in the tayle of it, the more northerly comes before the great dogge into the fouth fide of the line, 14 min. after comes the fourth first to degrees, 26 minutes in the fouth fide of the line, 14 min. after comes the fouthermost into the fouth, and it is in the fouth fide of the 10 degrees line, 1 minute.

### Menkar.

The elearest in the mouth named Menkar, showes it felfa with two other starres in this order, the declination is in the porth fide of the line 2 degrees, 37 minutes; Aries.

Somewhat more northerly followeth the head of Modufor the great Dogge into the fourth a houres, 46 min.and is placed in the north fide of the line 39 deg. 24 minut. Perfeut.

Directly north followes Perfeus a bright flarre, in forme thus, and it comes before Syrius into the fouth, 3 houres & a half, hath the declination in the north fide of the line 48 Perfeus. \* degrees, 29 minutes.

degree, 19 minutes.

Then followes the image of the Bull in whole head there are fome flarres in the forme of a bee, hive, I jung a fide the greatell brightest, and mod eatherly flarr, called the eye of the bull, Alebeara, or O'Culent Tauri, comes a hourest 4 min. before the great Dogge into the fourth his declination is in the north fide of the line 13 deg 45 min. Cacolla.

The Cacolla.

The Cachine Exp. 7. \*\* Capella.

The Cochman, Erichtonius, Auriga. The figure of Auriga, or the Cochman, showes him felfe a little after the Bull in the fouth, in fach fort as is here decifered, the greatest & brightest of them, called the goat, hircus: or capella, come one houre, 40 minutes before the great dogge into the fouth; the declination of it is 45 degrees, 34 minutes in the north

charten of 11 143 degrees ; 34 monates in the mon-idad of the line.

The right Schoulder poeth 37 minutes before the great dogge coward the loush, shu declination is in the norward 44 degrees, 5 minutes, house, 24 minutes before the great Dogge into the louse, 24 minutes before the great Dogge into the fourth, 15 minutes before the great Dogge into the fourth, 15 minutes before the great Dogge into the

#### The Gyant Orion.

About the fame tyme come the Gyant Orion, being off this figure, it is easie to be known, the left Schoulder cometh befor Syrius into the fouth 1 hours, 44 minutes the declinations of the fourth 1 hours, 54 minutes the declinations.

befor Syrius into the louter I nourse; A financiar to extension of his 19 degrees, 51 minutes.

The right Schoulder cometh, 58 minutes before the great dogge, and hard y degrees 27 minutes of northerly declination. The great and bright flavre in the left foot called Regel, goeth one hourse 32 minutes before the great dogge into the fouth; the declination of it is in the fouth fide of the line

8 degrees 40 minutes. The first of the three in the Girdle, which are called the three Kinges, goe one houre 16 minutes before Syrius into the fouth; the declination of it is 36 minutes in the fouth fide

of the line.

Four eminutes after comments the fecond or middlemoft into the fourth; the declination is 1 degrees 27 minutes.

Three Kings.

Nine minuter after the first comment the fall or third of the 3 Kingses aims the fourth and hatch his declination in the fourth die of the line a degree 10 minuter. These three Kingses sland allwayer and appeare a little above the great Dogge, where 1 minute 10 minutes in the sland allwayer and appeare a little above the great Dogge, where 1 minutes in the sland allwayer and appeare a little above the great Dogge, where 1 minutes in the sland allwayer and appeare a little above the great Dogge, where 1 minutes in the sland allwayer and appeare a little above the great Dogge, where 1 minutes in the sland allwayer and appeare a little above the great Dogge, where 1 minutes is the sland allwayer and appeare a little above the great Dogge, where 1 minutes is the sland allwayer and appeare a little above the great Dogge, where 1 minutes are 1 minute by they are eafily knowne,

Here doe follow some starres which showe themselves in the north, and therefore by some men are called North-starres.

It hourse, so immunes are to be gent bugger, only hour 44 minutes before a turn one of the second of it is a Selegore, mouses in the north file of theire, a few control of it is a Selegore, mouses in the north file of theire. The Head of Andromeda.

The head of Andromeda anxiation which flower their second file of theire.

The head of Andromeda anxiation with flower their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file of their second file

Lyre

NOTA Touching the north flarre bet declination, and how it is be used, with the wachting so declinated in the difcourle following.

#### Caput Draconis

The dragons head is formed as this figure decleareth, the The dragons hand is formed as this figure decleareth, the flar most fourhely is the cleareth, and comment to the highest in the morth 12 hours, and 5 minutes after 12 at Syrus 15 past the fourth, the declimation 51 degrees 12 minutes in the morth fide of the lines standard from the pole 38 degrees

Breft.



Schedir. Halfan houre after followeth the brest named

## Of the making of the Degree bowes and Astrolabium

For to measure the height of the heavenly lights above the Horizon, the Mathematicians have to that end found out many Instruments, Common degrees bow and the Seaving or Aftrolabium.

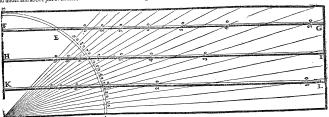
It is not every mans doing to marke and make an Altrelabium, not above downward through the Centrum, hangeth also right in the lead, itand under and above just even farre over both fides of a like degrees, in the Table here under for every degree is marked.

diffant from the Zenith or Horizon; having found to be al well, then is the famt well made.

For to draw out a degree-bow very well, make an even flatt board, of good dry wood, 15 and 16 thummes broad, and abour 4 foot long, of good dry wood, 13 and 15 thummes broad, and about 4 root rong, patch that with good firong paper, make along the one file a right line, as in the following figure CAD, draw out of the point Ca right line upon AC, as CB, and out of C the bow, ABB a right quadrant or fourth parth of a Circle, devide the fame in two parts, the one halfe part thereof as A E, devide it in 90 parts or degrees, after this manner: kirll in 3 parts, each of the same againe in three, those parts each in 2, and each of the last parts in 5, the bow AB shall then be devided in 90 parts. Capappea.

Les long to Capappea and the last survival to the last parts in y, the bow A & I shall then be devided in op parts, and the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the last survival to the fleweth.

Take afterwards with the paffer even the halfe length of the Croffe, after which you make the sticke, put the same from point C to B, as is portrayed in F, and from D to G, draw such two points with a line unto and dust is funded from the pole 7.4 case the fundamental properties when you have been as the contract of the pole 7.4 case the fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when a fundamental properties when are drawne for Croffes, whose halfe part is so long as CH, or CK. So that if the forefaid quadrant, by want of good handling, is not wel devided, or the lines not wel drawne, the flickes, there-after marked, fhall two of which are above all other the rareft for toute at Ser: viz. the alfo be wantable. The fame can be marked with more certainty after a like devided points in manner as followeth: Prepare your felfe a stike. pathched with ftrong paper(it would be better to be beaten with braffe) with standing it is necessary, that a Pilote, (which must use the same) draw there apon a right fine, so long as your slick, take with a sharp pasknowes if they be wel made. For to trey thole things take first measure for the half length of the Cress, after which you defire to make your with a paffer if the degrees are wel devided Secondly (hanging the fame tokening, putt the fame fo many times along the forefaid line as thereon a lite flick or corde) try with a thinne leadline, if the line going from [upon may fland, dovide each of these lengths of the halfe Croffe in 10000 a like parts. Afterwards, puttupon the flicke which you will end if the fame is as well turned as the Wyfer over the one as over the marke, from the eye-end of, even the halfe length of the Croffe, and enant tie name is as went times as went the control other fide. Thirdly, when the Wyfer with the point standeth in the make there a final thwart stroke of from thence, put for every degree so other fide. height, if them both the holes (where the Sunne must fline through) many of the fame parts as the halfe length of the Croffe is devided in, as



Degree-bows Table.

| ide, parts de parts de parts de par           |        |
|-----------------------------------------------|--------|
|                                               | 1154   |
|                                               | 1058   |
| - 1 War 140 11445 58 24876 70 71              | 445    |
|                                               | 769    |
| 21 2 200 24 52 00 42 11 24 00 00 27 5 21 7 00 | 854    |
| 26 6001 44 12 554 62 20108 8: 1 104           | 1301   |
| 0 1708 170318145 14442 2513 255121            | 7062   |
| D 00 6642 40 1475 64 33315 82 13              | 1499   |
|                                               | 0811   |
|                                               | 90;8   |
|                                               | 188    |
| 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1      | 1810   |
| 16 3270 34 0007 52 10882 71 49718 89 113      | 5893   |
| 19 3764120 0626 54 20777 72 53137 90 int      | finit. |

parts, and to forthall other.

then the whole cient amount take there against our every segree many of amose expression toward role to the contrary, goeth for much down for many points as the Table flowerth I you cannot doe that yet, devide under the Horizon, and the Equinochiael line turnes even for much for many points as the Table flowerth I you cannot doe that yet, devide under the Horizon, and the Equinochiael line turnes even for much n many pounts a tie. A non-memorial place against that the last let-fourthward from the Zenith, the contrary is when men turnes off from the last contrary is when men turnes off from

ters of the numbre of the parts in the Table behinde, as by Example for the 15 degree, in flead of 3032, take 303, for the 57 degr. 1376. If your Croffe be so little, that you can not devide it more then in 100, in such an occasion, leave off from the parts in the Table 2 letters behinde, it wil content your defire.

### Of the height of the Poles above the Horizon.

The height of the Pole is alwayes even on the breadth of the Lands Explication.

By the heigh of the Polus, that by many is called the height of the Lands, is to be understood the uprifing of the Pole above the Horizon that is, how many degrees there be betwixt the Horizon and the Polus In the right Spera lyeth the Polus without any height in the Horizon. In the Sphera parallela is the fame from the Horizon fett up upon the higheft so degrees. In the Obliqua or flooping Sphera is the rifing up diltant from 1,10,20,40,50, degrees more or leffe. Any man being upon the Earth, right under the Equinoctiall line, hath both Poles, the one in the north, the other in the fouth on the Horizon, without any upri fing, he ftandeth then also right under the mid-line of the Earth, with-For the fifth degree you shall marke, from that foresaid thwartstroke out any breadth. If he turnes off from the middle-line to the north, of For the first degree you maintained. Hometime content to the forth, of forther bird degree 538 for the 10 degree 1918, of fisch like fourth, the one Polis final Infe up out of the Horizon, and the other fourth of the Horizon and the other fourth of the Horizon and the other fourth of the Horizon and the other fourth of the Horizon and the other fourth of the Horizon and the other fourth of the Horizon and the other fourth of the Horizon and the other fourth of the Horizon and the other fourth of the Horizon and the other fourth of the Horizon and the other fourth of the Horizon and the other fourth of the Horizon and the other fourth of the Horizon and the other fourth of the Horizon and the other fourth of the Horizon and the other fourth of the Horizon and the other fourth of the Horizon and the other fourth of the Horizon and the other fourth of the Horizon and the other fourth of the Horizon and the other fourth of the Horizon and the other fourth of the Horizon and the other fourth of the Horizon and the other fourth of the Horizon and the other fourth of the Horizon and the other fourth of the Horizon and the other fourth of the Horizon and the other fourth of the Horizon and the other fourth of the Horizon and the other fourth of the Horizon and the other fourth of the Horizon and the other fourth of the Horizon and the other fourth of the Horizon and the other fourth of the Horizon and the other fourth of the Horizon and the other fourth of the Horizon and the other fourth of the Horizon and the other fourth of the Horizon and the other fourth of the Horizon and the other fourth of the Horizon and the other fourth of the Horizon and the other fourth of the Horizon and the Horizon and the Horizon and the Horizon and the Horizon and the Horizon and the Horizon and the Horizon and the Horizon and the Horizon and the Horizon and the Horizon and the Horizon and the Horizon and the Horizon and the Horizon and the Horizon and the Horizon and the Horizon and the Horizon and the Horizon and the Horizon and the H urs, and to torthall other.

If you can to devide the halfe length of the croffe in 1000, devide degrees in breath to the north, the norther pole final allo rife up 10,20, and the contract of the length of the croffe in 1000, devide degrees in breath to the north, the norther pole final allo rife up 10,20, and the contract of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length of the length then the whole co fie also, and take there against for every degree halfe or more degrees, the fourther Pole to the contrary, goeth for much down

#### A breefe Instruction off the art off Navigation.

Example.

Bring both the Poles on the Horizon, without any up-rifing, the Equinoctial line comes then right on the Zenith, and the little manhall From the height of the Equinostiall.

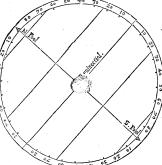
The full filling of the height of the Equinoctial is alwayes on the Po- another Meridian. es height and broadth of the Lands.

Explication.

Det of the former is fleweth, that fo much one of both Poles of the yizon rifeth the Equinoctiall line turneth fo much off from the Zeis to the Horizon. The space betwixt the Equinoctiall and the Ze-(that is the fulfilling of the height of the Equinoctial into 90) is eve the contrary on the height of the Polus the space betwint the Zenith the Polus (that is the fulling of the Poles heigt unto 90) is also alwayes en on the Equinoctial. Out of which followeth: If a man knowes upon w place of the Earth, the rifing or height of the Pole above the Horion, or the height of the Equinoctiall, & fo following the fulfilling of the leight: the takes there allo the breath of fuch a place, that is, how far men is from the midle-line upon the Earth, being to the N. or to the S.

Because the Poles and Equinoctiall line are visible, & therefore it is or possible to measure their height by her selfe: men mult throug other things, that he can fee, come to knowledge, to wit, through the height of the Sun 3c of the Starres. Before we goe, forth, we wil deferibe

The Horizon may be marked upon two manner: to wit, the true and Securely Horizon. The true Horizon goeth right water passe alwayes fom our eye-fight, or through the Centrum of the Sphera, deviding



he same in two even alike parts, is all over from the the eye | The fee enith diffant 90 degrees, the right fourth part off being highly Horizo The Seeingly is the uttermost of the part of the henthe orth or waters, which we kan fee with our eyes, and footes etcheth not further from us then 3 or 4 duth mi-When our eye is next unto the flat of the waters, true and Seeingly Florizon are then one without ference, but our eye being in the height from thenthe eye fight falleth (over the roundnesse of the rth) all over lower then waterpasse, & therefore is Seeingly Horizon lower then the true. Example The Eye-fight being in the height from the Flatfides fland 4 minutes, fo much is the Seeingiy Hoon lower then the True, the Eye-fight being 140

Of the Meridiaens:

tin the height, then it is the Seeingly Horizon 13

utes lower then the True.

The Meridian is a great Circle, going through both the Poles of the

the midle-line to the fouth. This she weth al plainly by these following. World, through the Zenith, over both sides, Crossewise through the Equinochal, and right in the fourh and north through the Horizon. Explication

The Miridian or middayes-Circle hath his name from Meridies, that trand upon the Globe of the Earth, right upon the midle line of the is midday, because that the Sunne comming in the fouth on this Circle, Harth, without any breach. If you doe move the litle man upon the Glo-makes midday. All heaverly Lights going up, and comming on this be of the Earth from the middleline to the N. 10 degr. the Equinoctial circle are fet upon the highest of the Horizon, going there through, benumeth then to degr. fouthward from the Zenith, the norther Polus rigin again to fall fortly downe. If a man doth travelor fall right northfeth 10 degr. ab we the Horizon, & the S pol goeth downe 10 degrees ward or fouthward, he flayes alwayes under one and the fame Meridian, but if a man turnes eastward or weltward, he gets commonly alwayes

#### Of the portraiture of the Earth after the lengt and breadth.

The places upon the Earth are devided and contend after the length and breadth. The length of fome places is a part of the Equinochall Line, (or fome other parrallel) fet forth betwixt two Meridians, where of the one goeth through the beginning of the length ( over the Canaries Handt or Infule Acores) and the other through the place it felfe.

The breadth is a part of the Meridian betwixt the Equinociall line and the place, the fame is devided in two parts, northerly & foutherly. Explication.

Upon the Earth (by Example of the heavenly Sphera) are also remembred two Poles, with one midle line, to wit, two points upon the Earth, right under the Poles of the World, common with the Affe off the World, and a line in the midft betwixt the fame two points, right under the Equinoctial Line of the heavens. Along this middle line men doth count the length of the lands from W. to E. beginning, on Meridian he making & uling of the fome Inframents which of necessity belong ries I and till unto 360 degrees. The breadth men doe count from the midle line northward and fouthward after both Poles, til 90 degr. This may be understood more plainly through these 2 following Examples. I. Example.

Being in these following figure of the Earth A the norther, B the fonther Pole, CDE the midle line, ADB the Meridisen, going out of both the poles, over the Pice of Teneriffe, as the beginning of the length. F the Cape Sint Vincent in Spaine, there over must be brought the Meridian A F G the part of the Equinoctiall D G (betwixt thefe two Meridians) is the length of the Cape S. Vincent 23 degrees, 40 minutes, and the bow GF the parcs of the Meridian , betwixt the Line and the forefaid Cape is the northermost breadth 37 degrees, because the foresaid Cape lieth fo farre from the midle-line to the north.



II. Example:

H being the Cape de bona Esperance, the fouthermost point of Africa, & there is drawn over the Meridian A ! HB, the part of the Equinoctial DI is the length of the forelaid Cape, & H. I the part of the Meridian betwirt the line and the Cape, the fouthermost breadth 34 degrees, because the same Cape lieth fo much from the line to the S. Alfo of other lands & places.

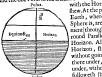
#### From the difference of the common flat Sea-mappes, with the round of the Earth.

In the common Sea mappes are the Sea coalts and corners of the Lands marked after her courfes & diffances from the one to the other. also after her breadth: but because of the uneveresse which they have through her flat forme, with the roundnesse of the Earth it is not poffible to put the fame also there besides after her right length. All Meridians or lines from fouth and north upon the Earth how farre the fame upon the middle line fland one from another, firetching northward or fourthward, comes at the end of 90 degrees from the line upon a point together, but upon the flatt Sea Cardes though the fame Meridians thand close or far one from another, they touch each-other never, but thand alwayes even farre one from another. Also with all courses, except only that from east and west.

The Sphera is noted after 3 manner: 1 In Sphera . 2 Parallela, and thirdly, oblique, that is Right Even-wide, and flooping Sphera.



Explication. 1. Sphera Reda, or right Sphera, is to called, because that when the Poles of the World lye on the Horizon , and the Equinoctiall common with the Zenith , in manner as this Figure : All Heavenly Lights (as the Sunne, Moone, or Starres, or the fame which fland close by or farre from the Equinoctiall or the Pole) doe rife height above the Horizon.



the Equino dial time flayes above the Horizon, and the other halfe part going of the eyes and can in any way be mended. there under) that the Sunne being in the part of the Ecliptica that Itah. deth above the Horizon goeth also not under, but maketh a day of fix moneths: To the contrary, being in the part of the Horizon, comes not up, and maketh alfo a night of fix moneths,



3. Sphera oblique, or flooping of the World, nor the Equinoctiall to upon the Horizon; but thwart F that all Lights of the Heavens goe not right up from the Horizon, nor evenwide there by along , but rife flooping there above, and so against downewards. So that fome Starrer about the high Pole, alwayes stay

above. To the contrary, the fecret Pole there about commeth never above, and makes some other unlike upgoings and undergoings. Those which ftand from the Equinoctial to the high pole are more which after the fecret Pole, leffe then 12 houres above the Horizon. Also goes it, with the Sunne. Out of which followerh, that those, which dwell in frich an Sphera, have the dayes and nights unlike: fometimes long and fometimes fhort againe. How the one pole is higher above the Horizon how unliker the dayes and nights are, and the up and undergoing of the up and undergoing of the starres are also unliker, because the Circles which they doe describe, in going round, are cut in more unevenesse from the Horizon.

#### Example.

F D C being the Horizon; CDE the Equinoctiall, BDA the Affe of the World, not right up to the Zenith N, nor common with the Horizon FDG, but the one Polus there above in the height, as from G to A, the other going downe there under, from Funto B. Also the Equino Ciall with all parralleles, thwart upon the Horizon. Let the Sunne be on the Tropicum Cancri HQ Mat the midnight upon the lowest under the Horizon on M: because he goeth in 12 houres from midnight to midday, from M to H, he goeth the halfe part, from M to Q in 6 honres, and therefore in leffe then 6 houres from M to O on the Horizon, where he rifeth, and in more then 6 houres from Q to H, the halfe day shall then be longer and the halfe night shorter then 6 houres. To the contrary, let the Sunne, be on the TropicumCapricorni at midnight on L, he shall goe from R to L in 6 houres and more then 6 hourestill on P, on the Horizon there upon he goes, and therefore in lefte then 6 houres from P to K on the mid-day, so that the halfe day is shorter and the halfe night longer then 6 houres-

#### The ulance of the Altrotabium and Degre-bow.

Hold the Aftrolabium with the 'finger by the uppermost ring', and let the Sunneshine in the uppermost eare (or little Table) till right upon the Lowermost eare, the utmost of the wifer sheweth then the outfide of the height of the Sunne. In the piloting men must have a care that the Aftrolabium be lose and doth drive untyed, the most part of all these can be turned with the hand, the fourth part of an degree, to shew over the one or the other fide.

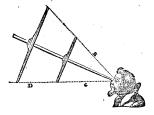
Set the Degree bow with the one end of the flicke (being on the infide or out-fide of the eye) after this manner ; that the end of the flicke con es right to fand next the middle-point of the moving of the eye fight, putt then the croffe folong off from you or unto you, till the up-

right up from the Horizon, and goe also right downward there under permottend comes upon the middelt of the Sonne or Starres, and the

and 12 hours under the Horizon, Lay & rappt are upon inch places as low without Degree-ow. An Summer as any inching from ways, without changing, even long. So it goes with those that dwell the Horizon the croffectomes reserve to the eye, then if the fame were ways, without changing, even long. So it goes with those that the first hand the croffectomes reserve to the eye, then if the fame were ways, without changing, even long. So it goes with those fame ways at a lattle rife and flood close by the Horizon. Through which is rightned with the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the right under the Equipochail Line, without any proachas in 5.1 noine, locations the land of the lowermost, then against to the uppermost in fome Moluques and the like lands, where none of both Poles are in makes the eye (feeing to the lowermost, then against to the uppermost end of the Croffe)to greater moving and up-doings, when as the Sunne eight above the Horizon.

2. Ophera Parallela, or the Sphere of evenwidenesse, is also called, and the starres stand low. And because the middlemost of the eye fight, because that when the Assess the World standard right in the hieght, through such moving up and downe also is moved up and downe next and the one Polus in the Zenith, the Equinoctiall lyeth then common the end of the fireker men doth fee then finaller corners, then if it did with the Horizon, fo as this figure doth theye unmoveable, without up and down-going next the end of the the Mew. At the place upon the Globe of the ticke, therefore cometh the croffe nearer to the eye then it should be. Earth, where such on situation of the and mendoth finde to much height. Such is wel known by many exper-Sphere is, areal the starres of the Firma- rienced men, which therefore shortned their slicke somewhat, or did opinere is are at the trainers of the trimary incided ment, since the degree and an half enearer on the ment (through the dayly moving) carried butt the beginning of the degrees one degree and an half enearer on the round Parallel, or even wide with the eye end, but it is not the right way for to mend the forefayd failings. Horizon. All those which are above the The best of all is (as I thinke) that a man upon every fundry height that Horizon, ftay continually there above, he will make, prove, with a Croffes fett upon alike Degrees, how men without going under all those which are must putt the sticke in order that men the ends of the same two Crosses there under, thay also continually there may see right over another, having found that, and the one Crosse afterunder, without going up. One of which wards put of, and fert the flicke againe in the fame fallion as before, followeth (because the half one part of men fial also passe as fallings which might come out of the up & down-

Defiring to measure the height of the Sunne, or the height of some Starres in the fouth I make an account how high the fame shall stand, or I take the right height thereof before the tame comes in the fouth, which I take to be 50 degrees fet therefore the 2 Croffes each upon Sphera, is fo called, because the Alle their 50 degrees, and the litck in the corner within, or in the split to of the World, nor the Equinodiall the eye without theeye, and turne the head before or behinde over the lay not flat downe, nor thand right one or the other fide, till that I fee utmost ends of both the Crosses right over another, as the lines A B and CD, in the following figure doe kroocked, through which comes (hew. The fame figure appeareth plainly, that the eye fight strales over that all Lights of the Heavens good the end of the Crosses shall come then over another with the Lines, which men may draw over the ends of the Croffes, untill the point on the end of the flicke, which doth agree with the center of the quadrant, or the beginning of the a like points whereupon the flicke is marked. Such fashion of a sticke be kept in the memory , I take the one Crosse off, and fett the flicke againe in the forefaid fashion on the eye, and countalfo without any fault of the eye.



Men deth measure as well with the Degree-bow as Astrolabium two feverall things a like. The height of the Sunne or of fome starres above the Horizon, and alfotheir fulfulling of the height, that is, how fare the fame fland from the uppermost point of the heavens above our head

The edge of the Aftrolabium is commonly marked with dobbel number, the one begins from beneath up ward, with 1, 10, 20,30 &c.En ding above next the ring with 90. The other begins above next the Ring with 1,10,20,30,downwards, ending with 90 on the lowermost tide of the halfe Circle. When as you doe make an account in the Sunne with an Aftrolabium and that you doe use the first number that, she weth, how many degrees the Sunne stands elevate above the Horizon therefore the higher the fame stands, the more number you doe get. I you doe use the other number you doe not finde the height of the Sur but the fullfilling of the height, that is, how farre the Sunne flander from the uppermost point of the heavens, above our head, and therefore how the Sunne flands higher, how leffer number (contrary to the other) you doe become.

The Degree-bow is also marked with 2 feveral numbers, the one ha

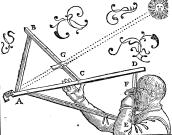
#### A breefe Instruction off the Art off Navigation.

after the eye end 90 and is to the utmost end counted lesse, as from 90 till, 80, 70,60, &c. The other begins by the eye-end, and waxeth, to the contrary, after the utmost end, as from 1 to 10, 20, 30 &c to the contrary, after the utmost end, as from 1616, 20, 36 occ. When as you measure the Sunne or any flarres with the Degree-Bow, and that you doe use the first number, you finde then, how higher the same slandesthabove the Horizon, how higher the Sunne and Starre ftand, how a men then gett the Croffe Clofer to the eye. If you doe use stand, how a men then gett the Crone Cloier to theeyer. By out does the the other number, you finde not how high any heavens light is, that men doth meafure above the Horizon, but how further that Randeth from the Zenith the lower the lights stand & the Crosses comes further from the eye, and the number is more.

Although men in the measuring with the Degree-bow to the Sunne (for the strengthening of the eyes) used redde or little blew glasses not with flanding is it trouble fome and an hinderance for the eye-fight, especially when the same goeth high. Men can then easily finde the height of the Sunne out of his Zadaw, through fuchlike turning. Degree-bow or double Three corner, as here following is portrayed whereof the one ABC containes 60 and the other, ADE 30 degrees putting the litle turning thling of G upon a certaine number of Degrees after the diffring of the height of the Sunne, and feeing through the Vifire F, on the lowermost end of H the Horison , men doth move F so long up and downe, till that the shadow ofG comes to fall upon the litle Table A, betwixt the two Lines, the number of the degrees putt then betwixt GC, and DF, together, it sheweth then the height of the Sunne above the Horizon, or the numbers betwixt EF and GB, together the diftance or Sunne standing off from the Zenith.

### Example.

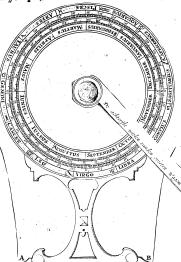
I putt the litle moving thing of G upon 20 degrees, from C to B feeing through the Vifire F, drawing it up and downe, till that together the schadow of G falls betwixt the two Lines upon the white little Table A, and the lower most fide of the foresaid litle table right upon the Horison . I finde so betwirt D and F 16 degrees, the same by the 20 of



Horizon, or the 40 from G to B, and 14 from F to E, together 43, gives Afcension of the Starre, there remaines 128 degrees, the same devided the fulfilling of the height, or the diffance of the Sun from the Zenith, through 15 I find 8 houres and 8 remaining degrees, and when 15 dek

### For to finde the house of the day and of the night.

For to find the houre by day upon all heights, is the best and furest time 8 a clocke, 32 minuts, to reckon off from the midday, way, through fuch an Equipoctiall Compaffe, as is portrayed in the water-tydes. In the night you may find the fame through an night-wifer as the following figure, the fame bath two round flives, the one is with the lowermost edge of the foot A Bright waterpasse, so that men she midday, that is, one houre 36 minutes after midnight. through the hole of the Nayle may fee the Northftarre, turning then clearest of the Watchmen it shall be 4 hours and 15 minutes later then this will serve very well to that end.



the wifer shall shew, because the foresaid Wheeles of the great Wagon goeth fo many tymes before.

Men can also finde the houres out of the right Ascention of the Sunne and Starres, thus: When you see some Starres in the fouth, whole right Afcension is knowne, and men knowes also the right Ascension of the Sunne upon the same day. drawing the Suns Ascension from the Ascension of the Starres, that which then remaineth must be dealth through 15 (for 15 degrees makes an houre) which doe flew the right houre of the same time. If the Ascension be more then the Ascension of the Starre, in fuch a way shal men adde 360 degrees by the Ascension of the ftarre and goe then forth in fuch a way as before is described.

#### I. Example.

Upon the tenth of April, in the evening I fee in the fourth the Hart of he Lyon, whose right Ascension is 174 degrees. The Sunnes right GC, makes together 36 degrees for the height of the Sunne above the Afcention upon the fame day is 19 degrees, take the fame off from the grees make an houre, then makes every degree 4 minutes, the remaining 8 degrees make also 23 minuts of an houre, it shall then upon that

#### 1.1. Example.

Upon the fifth of November in the night I finde in the fouth the unmovcable, the other moveable, upon the lowermost unmovcable Starte Aldebaranthe fouther-eye of the Bul, whose right Ascension is fland the 12 Signes of the heavens, next the moneths and dayes of the 64 degrees, the Suns right Ascention upon that day 220 degrees, which year; upon the moveable, the houres, the fame doth turne with anoper pupor une morenne, que noutes, oue anne sont unes want anne la more unes unes ou ramarant, sucreures put unorde. Al carcinon or ther wise (whose one right false reponts right upon the middle-point) (the Starre 3 of egrees, is together 444 degrees, drawing there out the beyond a nayle with an hole or pipe, through which you may fee. The Sunnes right Ascention 220, there remaines 204 degrees for the difference of the difference of the degree of the degree of the degree of the difference of the degree of t using of the inght-wifers is thus: Mon fet first the teeth, next the frence of the time betwitt the Sunne and the forefail Startes, the twelfthhouse on the moveable flive, on the day of the yearc, upon the which devided through 15, comes 13 hours, and allo 9 remaining detections. lowermoft unmoveable five, and hold the Infrument in the height, grees, these make 36 minutes, it is then 13 hours and 36 minutes from

the wifer upward and downward, folong till that the hinder fomest Sunne as of the Starres, we have put here unto two little Tables . the wheele of the great Wagon comes on the Wifer, that being fo, the Wi-lone of the Sunne, frewing from 5 till 5 dayes the Sunnes Ascention, out fer finall then flew, on the moveable finite, the right houre. If men in of which the fame for other dayes there betwixt early may be found, flead of the hinder formedt. Wheeless of the great Wagon doth use the The other for 300 fthe principal Starres, both only by degrees, because

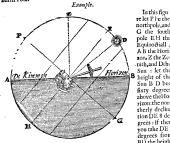
| rees of the aftension of the Sunne on that an                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 7. |
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### ATT II Cal . 1. I . - Comfan & Cake trimel flame

| y -         | A Lable of the right afterfold of the printer journes. | - 1          |
|-------------|--------------------------------------------------------|--------------|
| *** Tr. Ci  | rdle of Andromeda                                      | 12 degrees   |
|             |                                                        | 27 degrees   |
| Monkey      | e brightest in the mouth of the Whales                 | 41 degrees   |
|             |                                                        | 64 degrees   |
| Capellain   | the leftshoulder of Erichtonius                        | 71 degrees   |
| Capella in  | left foot of Orion.                                    | 74 degrees   |
| The facing  | the left shoulder of Orion                             | 84 deg.ces   |
| Coming she  | great Dogge                                            | 97 degrees   |
| The porth   | head of Gemini                                         | 180 degrees  |
| The fouth   | head of Gemini                                         | Itt degases  |
| Descuent t  | he little Donge                                        | 1 to degrees |
| The bright  | tell in the water frake, Cor Hydra                     | 137 degrees  |
| Regulus 1   | he Hart of the Lyon                                    | 147 degrees  |
| The tayle   | of the Lygo                                            | 172 degrees  |
| Vindemiar   | riv the right wing of Virgo                            | 191 degrees  |
| Spicia Vira | ginis the eare of corne                                | 196 degrees  |
| Archumsz    | he brightest in Bootes                                 | 210 degrees  |
| The fouth   | Weight                                                 | 2:4 degrees  |
| The porth   | waight                                                 | a 10 degree; |
| The bright  | reft in the north Crowne                               | 230 degrees  |
| Antars the  | e Hart of the Schorpion                                | 142 degrees  |
| The Head    | of Herculus                                            | 254 degrees  |
| The head    | of Serpentarius                                        | 259 degrees  |
| Therayles   | of the Eagle                                           | 282 degrees  |
| Volume the  | clearest in the Eagle                                  | 293 degrees  |
| The farin   | the mouth of the houle Pegalius                        | 511 degrees  |
| Komahant    | r the brightest in the end of Aquarius                 | 339 degrees  |
| Marcab th   | ne shaft or foot of Pegalus                            | 842 degrees  |
| The orrere  | molt in the wing of Pagalus                            | 3 8 degrees  |
| The most    | northerly in the Whales tayle                          | 360 degrees  |

#### How to finde the height of the Pole by the Sunne;

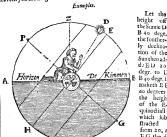
To finde the height of the Pole by the Sunne, one thing is specially to be marked, to wit, wheter you are northward or fouthward from the Sunne, whether the Sunne flandeth northward or fouthward from you is eafily knowne, when you are infuch a place upon the earth as is far from the line, or from the Sun but when the Sun is neare almost above your head, then you can not wel fee it with your eye, therefore fet a compaffe before you that you, may fee where n, and S.is, then take jour, Aftralobium, & fer it fo that the one edge thereof frand right fouth and the other north, and then you shall fee at a hayres breadth, whether the Sunne being at the height, flandeth northward or fouthward from the head point or Zenith: if then you wil fecke the height of the Pole, when G you are on the north fide of the Sunne, that is, when the Sunne is fouth ward from you, then take the just height first, and as much as the declination of the Sunne is northward, take it out of jour height, & that which refleth is the height of the Equinoctial in the fouth, which substracted out of 90 (as here before is declared) then you have the height of the north Pole.



pole EH the Equino@iall A B the Hori zor, Z the Ze nith, and Dth Sun : let the height of the Sun B D bec fixty degrees above the Horizon:the northerly declina tion DE 8 de-

height of the north Pole A P, as here before is fleweth.

If the declination be foutherly, then adde into the height aforefavd taken: and then if the addition be leffe then 90, then looke upon the height of the Line in the fouth, which taken out of 90, as aforefayd, in leaveth you the height of the north Pole.



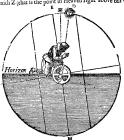
ly declination of the Sun then adde E D 20 degr. to 1) B 40 degr. it maketh EB 60 degrees, the height of the E quinoftiall . which fubftracted from 20, as EG the di-

france between the Equinoctiall and the S. Pole, then there will reft 30 for GB, that is as much as the S. Pole is gone under the Horizon grees as before is the wed, fo much as the one Pole is under the Horizon just gress fo much is the other above it, the north pole P shall here be elevated 30

But if the height of the Sun being added unto the declination maketh pares out it the neight of the out the peng added into the declination maketh more then 90 degr. then jou maît understand, that the Equinocital is N. agrees ward from jou head jult formuch as the aforefaide addition is more then grees where the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the pengent of the p gres 90, and fo confequently the S. Pole alfo fhall be fo much elevated.

#### Example.

Looke into the figure next following, where in let the height be DB grees goes to degr. and fourtherly declination ED 18 degrees, then it you adde grees ED 18 degrees to KD 80 degrees, the height of the Sun, there will be 90 degrees for B E, feeing then that from the Horizon B, to the Zenith Z (that is the point in Heaven right above our heads) is just 90 degrees as in



Ciall is 8 degrees northward from the zenith Z, and B fo 82 degrees elevated in the north, above the Horizon: when AE is taken out of 90 there refleth 8 degrees for the height of the fouth Pole, G above the Horizon B, then you must un-

the 12 Chap-

ter is thaught)

it followeth

that Fouino-

derstand, that you are betweene the Line and the Sunne.

Howyou shall finde the height of the Pole, when you are fouthward from the Sunne.

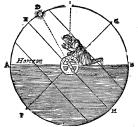
W Hen you perceive that you are fouthward from the Sunne, that is, when the Sun (tandeth northward from you, first (as aforefaid) take the height of the Sun: then if the declination be fourthwards, take it out of your height which you have found, and then you shall have the height of the Equinoctiall, which substructed from 90, it sheweth under what height you are, fouthward from the Line.

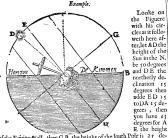
### Example.

Behold the figure above flanding. Let A D be the height of the Sungrees: if then nein 64 degrees: the fourherly declination E D 16 degrees: which fub you take DE 8 stracted from A D the height of the Sunne, there remaineth for AE 4 degrees from degrees the height of the Equinoctial in the north, which fubftraced

or the Sun, there will reft BE 52 degrees, which is the height of the Equinocitial, which taken our of 90 degrees, refteth 38 degrees, for the found collaborate with the spirit of the Sun, there will reft BE 52 degrees, which is the height of the Equinocitial, which taken our of 90 degrees, refteth 38 degrees, for the out, if then the addition bee leffe then 19 it the weth you the of the

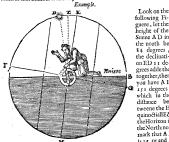
#### A breefe Instruction off the art off the Navigation.





of the Equino diall , then G B, the height of the fouth Pole is 25 degrees for as in the 16 former it is sheweth, the height of the Equinoctiall EA with the height of the Pole GB alwayes make 90 degrees.

But if the height and the declination of the Sun added together more then 90, you must note that the Line is southward from your Zenith, as much as that number is above 90.



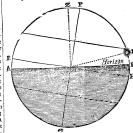
Line, and you must also marke that you are betweene the aud the Sun.

then are you also 16 degrees northward from the Line, and the north Poleshall be so much elevated.

But if the Sun hath no declination, that is, when it flandeth even in the line, then you must understand, that you are also right under the jine and to both the Poles are on the Horizon without any eleavation.

#### How you shall finds the height of the Sun northward in furh places where as it goeth not doune.

They that in Sommerfaile to Moscovia , in the moneths May , June and July, comming about the north Cape, finde, that the Sunne at that tyme goeth not downe there, but is allwayes above the Horizon, fo that a man according to the rules aforefaid, may not onely feeke the height of the Pole by the Sunne, when it is highest fouthward, but also when it is northward at the lowest, in this manner following Take the height. of the Sunne with the croffe flaffe, when it is lowest in the north, and adde there to the filling of the declination, (which is such a number as together which the declination make ninetie, or so much as the Sun ne flandeth from the Pole ) and you shall find the just height of the Pole:or if you substract the height of the Sun from his declination then you shall find how deep the Equinoctiall is de pressed northward under the Horiof the Equino Ciall, which taken out 90, you finde the height of the zon, or in the fourth elevated above the Horizon, which fublitraced from 90, will likewife leave the height of the Pole, both these wayes I will decleare a part. Example.



Mark the figuere aforegoing, where let BD be the height of, the Sun about the Horizon, in the north degrees H D the declinati-B on of the Sun 20 degrees then shall D P the filling of the declination, or the diflance of the Son from the Pole be 70 degrees: now if you adde PD

shall finde 77 degrees for BP the height of the Pole.

#### Another Example.

If you take the height of the Sun AD 7, from HD 20, the declination of the Sun, there will remain 13 for HB, and so much is the Equino cial in the north depressed under the Horizon, which if you substract of HP Look on the 93, there remaineth for AP 77, the height of the Pole, as above faid.

Of the north Starre, and here you shall find the height thereby. guere, let the height of the house you shall find the height thereby.

AL fixed Starrer, as in te former writing is declared, with the time doe after their declination fome increase, and fome diminsifi, one the north be more then the other, the north Star at this tyme is one of those which is 84 degrees, most subject to changing, which in anno 160 o ftood from the Pole two the declinati- degrees 50 and a halfe minutes, and in the yare 1700 it will fland two on ED 21 degrees and 16 and a halfe minutes, for that every 3 years it commeth a grees adde the minute nearer unto the Pole in Anno 1608 it flood from the Pole two together, then degrees, 18 minutes, and thereof we have here made our reckoning, if you have A E then you will know the height of the north Starre when it is right under 150 degrees, the Pole, then you must adde two degrees, and 48 minutes, to the height which in the which shall be found by the Crosse-statte, fo it beeright above the Pole diffance be- (that is the highest ) then you must substract two degrees and 48 minutweene the E- tes, and then you that have the right height, but to know when it is right quinoctiallE& under the Pole at the lowest, then looke when the greatWagon standeth the Horizon in right under the North Starre of Leyen, if you take a lead or flick alfo the North:now it hang in your fight right upon Leyen, and the faid line or flick also mark that AE hangeth right betweene the Wagon and the horfes, then Leyen is right is 15 or and P above the Pole at the highest: to the contrary, when the Wagon stan-18 15 or and 1 above Leven and E time is hanged between the Wagon flan-the Pole and E the Equinoctiall are even 30 degrees from each other deth above Leven and a Line is hanged between the Wagon and the the role and is the equinoctian are even 90 degrees from each other then it followes that I from A is 15 degrees, that is the height of the n. Horfes, and hangeth right over Leyen, then Leyen is right under the unna troitometti tratt roma is 15 degrees, that is the neighbor their not the Pole above the Foreign and form the Pole above the Foreign, and form the pole above the Foreign and form the pole above the Foreign and form the pole above the Foreign and form the pole above the Foreign and form the pole above the Foreign and form the pole above the Foreign and form the pole above the Foreign and form the pole above the Foreign and form the pole above the Foreign and form the pole above the Foreign and form the pole above the Foreign and form the pole above the Foreign and form the pole above the Foreign and form the pole above the Foreign and form the pole above the Foreign and form the pole above the Foreign and form the pole above the Foreign and form the pole above the Foreign and form the pole above the Foreign and form the pole above the Foreign and form the pole above the Foreign and form the pole above the Foreign and form the pole above the Foreign and form the pole above the Foreign and form the pole above the Foreign and form the pole above the Foreign and form the pole above the Foreign and form the pole above the Foreign and form the pole above the Foreign and form the pole above the Foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign and foreign Leyen is right unter the Pole at the lowest, and when it is right above How you shall goods the bright when you are right under the Sunne.

E you underfland the rules before going well, then this is eafie to be Leyen; then Leyen is at the highest above the Pole. But to know the Found, If you be right under the Sunne, that is when the Sun is eleflarers that are in the breaft of Caffiopeia, you must underfland, that it is vared 9 degrees, then you are even a many degr. northward or fouth-the fecond off the five highest Starres that standesh in Cassinopeia : or if ward purgrees, then you are even a many degr. northward or nothing the first state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state Suppose that you finds the height off the Sunne above the Horizon chemic of the control of the Sunne above the Horizon chemic of the Sunne above the Horizon chemic of the Sunne above the Horizon chemic of the Sunne above the Horizon chemic of the Sunne above the Horizon chemical state of the Sunne above the Horizon chemical state of the Sunne above the Horizon chemical state of the Sunne above the Horizon chemical state of the Sunne above the Horizon chemical state of the Sunne above the Horizon chemical state of the Sunne above the Horizon chemical state of the Sunne above the Horizon chemical state of the Sunne above the Horizon chemical state of the Sunne above the Horizon chemical state of the Sunne above the Horizon chemical state of the Sunne above the Horizon chemical state of the Sunne above the Horizon chemical state of the Sunne above the Horizon chemical state of the Sunne above the Horizon chemical state of the Sunne above the Horizon chemical state of the Sunne above the Horizon chemical state of the Sunne above the Horizon chemical state of the Sunne above the Horizon chemical state of the Sunne above the Horizon chemical state of the Sunne above the Horizon chemical state of the Sunne above the Horizon chemical state of the Sunne above the Horizon chemical state of the Sunne above the Horizon chemical state of the Sunne above the Horizon chemical state of the Sunne above the Horizon chemical state of the Sunne above the Horizon chemical state of the Sunne above the Horizon chemical state of the Sunne above the Horizon chemical state of the Sunne above the Horizon chemical state of the Sunne above the Horizon chemical state of the Sunne above the Horizon chemical state of the Sunne above the Horizon chemical state of the Sunne above the Horizon chemical state of the Sunne above the Horizon chemical state of the Sunne above the Horizon chemical state of the Sunne above the Horizon chemical state of the Sunne above the Horizon chemical state of the Sunne above the Horizon chemical state of the Sunne to be 30 degrees, and that it is declined towart the north 16 degrees in the breft of Cashiopeia, which wil cashy becauderstood by this figure

N is the north Starre: P is the North Pole, W is the Wagon, and C are the Starres of Cassiopeya , where of B is the brest.

This is a certaine and a generall rule, which by no meanes can favle and in all places off the earth (where we may fee and ufe the North Starre) is without any alteration.

For to know when the north-starre is upon the highest and lowest have a care upon the great Wagon , when the same commeth under the have a care upon the great Wagon, when the fame comment oncest un-morth-flarre, fo that when men let hange lead line in glic over the north-flarre, that these then also comes to hang, in the middler between the flarre, that these them also comes to hang, in the middler between the through the Wagon ox the blorders, then is the north-flarrer right has begon. So the blorders them is the pole-through the Wagon ox the blorders, then is the north-flarrer right has been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also been also highest above the Pole. Or when the Wagon also comes above the North ftarre, that then men doth hang a leadline betwixt through the Wagor and Horfes, that these then also hang right over the North starre, then is the North-starre right under the Pole upon the lowest, as in the former figure is portrayed. Or when the flar comes in the Breft of Caffiopea, right above the

North fter, then is the North fter above the Pole upon the highest. When the fame is right under the Northstarre then is the Northftarre, upon the lowest under the Pole, fo as these Figure here above

doth thew.

The Starres of the Wagon are well knowne of every one. The starres in Cafflopea, there in 5 the principals, as here above is portrayed. The the northermoft fecond of the fethat is, which ftandeth fartheft diffant from the Northflarre, these is in the Brest, and flandeth almost even farre from the North-starre, as the northermest fore wheele of the great Wagon,

If men hold a right flicke upon the eyelight, with the one end throug betwirt the Wagon and the Horles, and the middeft over the North- der wheele. flarre, the other end shall then firetch over the foresaid flarre, which flandeth in the Breft of Caffiopea.

#### The use of the naeth star when you take the height by the wayters which are on the northern hinder wheele of the great Wagon;

 ${f F}$  Or as much as many Pilots know north the names of many of the fixed flarred, and therefore follow the use of the  ${f N}$ , star according to the points of the compaffe; we have for the use of these men, made two forts of tables the one acording to the waters ( which we have mended, the other according to the northern hinder wheele of the great Wagon both of them on the foure frokes north, four heaft and west, and in as much as in this kinde or worke the north flar hath a different flanding in fundry heights of the Pole, we have calculated the tables agreeing to divers heights or latitudes from 10 degrees to 10 degrees as tolloweth

At the height of 10 degrees. When the bright of the Margaret 10 argress.

When the bright of Fall, then is the N. flar under the pole 1 degrees 18 minutes.

Noth, then it is 2 degrees 48 minutes under the pole.

Well degree 28 minutes above the pole.

South 2 degrees 1, 18 minutes above the pole. eeft of the wayters -

### At the height of 20 degrees.

When the brigh

d of the weyters

andeth in the

weth, the N, flar is 2 degrees 19 minutes under the pole,
weth, the N, flar is 2 degrees 19 minutes above the pole,
south, the N, flar is 2 degrees 19 minutes above the pole,
south, the N, flar is 2 degrees 19 minutes above the pole, ftandeth in the

At the height of 30 degrees.

As one tergins by 3 of agents above the pole, the first he wayters fundeth in the North, the N. fari's a degree 18 minutes above the pole. Wheth, the N. fari's a degree 18 minutes under the pole with the N. fari's a degree 19 minut, higher than the pole. South, the N. fari's a degree 19 minut, higher than the pole.

At the height of 40 degrees.

East, the N. flar is a degree, 30 minutes under the pole.

North, the N. flar is 2 degree; 10 minutes below the pole, west, the N. flar is 2 degree; 14 minutes above the pole. South, the N. flar is 2 degree; 19 minutes above the pole. The wayters in the

At the height of 50 degrees, Eaft, the N. flar is 1 degree, 44 minutes below the pole.
North, the N. flar is 1 degree, 3 minutes below the pole,
well, the N. flar is 1 degree, 3 minutes above the pole,
South, the N, flar is 2 degrees 20 minutes above the pole. The wayters in the At the height of 60 degrees.

Saft, the N. flar is a degree, \$2 minutes under the pole.
North, the N. flar is a degree \$5 minutes below the pole.
Well the N. flar is \$3 minutes higher than the pole.
South, the N. flar is \$4 geree \$5 minutes above the pole. The wayters in the At the height of 70 degrees.

East, the N. flar is a degrees 5 minutes under the pole.

South, the N. flar is a degrees 15 minutes under the pole, well, the N. flar is 2 minutes above the pole.

South, the N. flar is 4 degrees 22 minutes above the pole. The wayters in the .

At the height of 80 degrees.

East, the N. flar is 2 degrees 33 minutes under the pole.
North, the N. flar is 3 degrees 12 minutes under the pole;
welt, the N. flar is 3 degrees 12 minutes under the pole;
welt, the N. flar is 3 degrees 44 minut, higher then the pole.

The use of the North-starre, agreeing with the northermost hinderwheele of the Wagon.

#### At the beight of 10 degiecs.

When the norther- ( East, then is the N. Star higher then the pole I degree I minut. molt wheele of the North, the N. flar is a degrees 3.7 minutes above the pole, wagon ilandeth in the with the N. flar is 1 degree 14 minut. Jower then the pole, South, the N. flar is under the Horizon out of fight.

At the height of 20 degrees.

The northern weel Ten, the N. flar is 54 minutes higher then the pole. North, the N. flar is 54 degrees 37 minutes under the pole of the Wagon. It has been then the pole of the Wagon. He had been the pole of the Wagon. We have the higher than the pole of the Wagon. At the height of 30 degrees.

At the height of 40 degrees.

The northermost North, the north far is 28 minutes above the pole.

The northermost North, the north far 2 degrees 27 minutes under the pole, hinder wheele.

Well, the N. flar is 1 degrees 28 minutes above the pole.

At the height of 50 degrees. North, the N. flar is 2 degrees 24 minutes under the pole.
west, the N. flar is 1 degree 45 minutes under the pole.
South, the N. flar is 2 degrees 28 minutes above the pole.

At the height of 60 degrees. ATTUS INTEGED OF ON CHEFFEE.

Baft, the N. flar is 2 minutes above the pole.

North, the N. flar is 2 degrees 26 minutes under the pole.

welt, the N. flar is 2 degrees 1 minute under the pole.

South, the N. flar is 2 degrees 28 minutes above the pole.

At the bright of 7 to degrees.

Eaft, the N. Har is a sunuese under the pole.

Let the the pole of the the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of

Explication of the E.W.S. and Nof the Watches, and the great Wagen.

The Watches at, that is, when he clearft or middle from the clear to middle many the watches and the watches at the watches at the watches and the watches and the watches and the watches at the second to the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches and the watches a

The watches north, is, when the clearest standeth right above the North-flarre, as in this fecond figure. Warches.

Watches. The watches in the west, that is when the middlemost of the wateness in the west, that is when the month flare of the watches flands to the west from the North-slare, and which the same even high above the Horizon, as in this third figure.

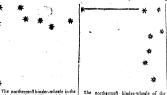
North-slare. North-flarre.

Watches

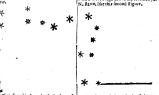
The watches in the fouth that is, when the clearest of the fame standeth right under the North-Starre, as in this fourth

Uponthis manner, as from the watches, is also to under-fland the East, west. South, and North from the norther most Hinder-wheele of the great wagon, thus:

A breefe Instruction off the art off Navigation.



The northermost hinder-wheele in the The northermoft hinder-water in the morthermoft hinder-water of the northermoft hinder-water of the northermoft hinder-water of the northermoft hinder water of the northermoft water of the northermoft water of the northermoft water of the northermoft water of the northermoft water of the northermoft water of the northermoft water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft hinder water of the northermoft The northermoft hinder-wheele of the



That fame hinder-wheele in the west that is, when it standerh westward even, high/so as the Northstare above the to-meet when the south, that is when it standed high in the South, that is when it standed high in the South, that is when it standed high is sometimed to North-stare, as in this fourth nizon, as in this Figure. Figure.

### The using of these foresaid Tables.

Men flayes till that men hath the clearest of the Watches, or the northermost Hinder-wheele of the great Wagon upon some of the forefaide courses, then makes men an account of the height of the Northflarre above the Horizon. Out of the found height, together with the prefuming, men doth almost know the height of the Pole, especially prefuming, men doth almost know the height of the Pole, especially like Mestikian whence you fielded, as it were from it to Colobe by, not no findou out of the foreignt Tables thow much the North Rarre Handeth higher or lower then the Pole. Is the same higher, men which the thing the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of the pole of t pulls it of is it lower, men putts that unto the measured height, and find also the right height of the Pole.

These foresaid Tables are onely counted from ten till ten degrees, and when a man is most betwixt such heights, shall men comming upon and when aman is most betwirk fuch heights, shall men comming upon other heights take notice how many degrees he is above or under their counted pales, and with, one how great the difference is betwirk tool, the counted pales, and with, one how great the difference is betwirk tool, the counted pales, and with, one how great the difference is betwirk tool.

Tool to be a set to be a set of the Markins, as from A to 16, 10 CP 2. Legace two, as the findes himself, having taken notice hereof, men takes then the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set o the difference, after the course of the height where a man is in, leffe or more from the forefaid, taking off or putting to the fame, fo as it comes Ealt or well, as from a to S, you remaine between the Pole and Equinocital on the felfer fame between the Pole and Equinocital on the felfer fame between the Pole and Equinocital on the felfer fame between the Pole and Equinocital on the felfer fame between the Pole and Equinocital on the felfer fame between the Pole and Equinocital on the felfer fame between the Pole and Equinocital on the felfer fame between the Pole and Equinocital on the felfer fame between the Pole and Equinocital on the felfer fame between the Pole and Equinocital on the felfer fame between the Pole and Equinocital on the felfer fame between the Pole and Equinocital on the felfer fame between the Pole and Equinocital on the felfer fame between the Pole and Equinocital on the felfer fame between the Pole and Equinocital on the felfer fame between the Pole and Equinocital on the felfer fame between the Pole and Equinocital on the felfer fame between the Pole and Equinocital on the felfer fame between the Pole and Equinocity of the felfer fame between the Pole and Equinocity of the felfer fame between the Pole and Equinocity of the felfer fame between the Pole and Equinocity of the felfer fame between the Pole and Equinocity of the felfer fame between the Pole and Equinocity of the felfer fame between the Pole and Equinocity of the felfer fame between the felfer fame between the felfer fame between the felfer fame between the felfer fame between the felfer fame between the felfer fame between the felfer fame between the felfer fame between the felfer fame between the felfer fame between the felfer fame between the felfer fame between the felfer fame between the felfer fame between the felfer fame between the felfer fame between the felfer fame between the felfer fame between the felfer fame between the felfer fame between the felfer fame between the felfer fame between the felfer fame between the felfer fame between the felfer fame between the felfer fame between the f to paffe.

#### I. Example.

I defire to know upon the height of 46 degrees, how much the Northflarre flandeth lower then the Watches in the east, taking notice how great the difference is betwixt the height of 40 and 50 degrees, finde 5 minutes in creating; fay therefore: 10 degrees in height give five minutes, how much then 6 degrees? Facit 3 minutes, fet these by the 3 become the difference of 40 till 50 degrees is in creating finde also 1 degree 4.2 minutes.

#### II. Example.

Upon the height of 48 degree, I defire to know how much the North-flarre flandeth higher then the northermost Hinder-wheele of the Wagon in the East, the difference and Table betwixt 40 and 50 degrees height, is 40 minutes diminishing; say therefore: 10 degrees difference height, give 14 minutes; how much 8 degrees? Eacit, roome 11 minutes, drawing thefe from 38 minutes; flanding next the 40 degrees height, because the difference from 40 til 50 degrees diminisheth, finde 27 minutes, that the Northstarre standeth to high upon the forefaid height of 48 degrees.

#### Of the vapours and exha lations which the funne, woon and Stars; as they are neares the Horizon do feem to draw up more, as indeed and truth they are.

Experience techeth, that the lights of heaven, by how much they are neater the Horizon, by so much doe they seeme to be higher then needle shewesh right cashward on to the coast of Spaine, the needle beindeed they are, and by reason of the sumes, which continual a rise and ginnes (and in time more and more ) to turne off from the north to the mote they are; and of reasons of the function, so much as they more thicker, and reasons are the deformed. On much as they are near-the Horizon, of o much as they more thicker, and reasons the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of t and as we come nearer the Pole, the vapours do more & more increase, northwestering Sailing forth from thence it begins to diminish, til next and for that cause doe the lights seeme to be higher than they are. Yea the south point of Celebes, where the needle draweth right again, that it is found about the height of 83 degrees, towards the north, that the is called diminishing northwestering,

Sunne feemeth to be 40 minutes higher than in truth is, this hath famous Aftronomer Ticho Brahe, fearch out and written in Denmarck as you may fee in this table.

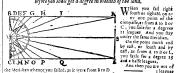
A table of the rifing of the Sunne, Degrees. Minute. a table of the rifing of the Starres, Degrees. Degrees.  $\begin{array}{c} \circ \qquad 3 \\ 2 \\ 1 \\ 2 \\ 1 \\ 7 \\ \text{ferme} \\ 13 \\ \text{to} \\ 16 \\ \text{modecd} \\ 13 \\ \text{tr} \\ \text{in} \\ 16 \\ \text{modecd} \\ \text{ught}, \end{array} \begin{array}{c} 1 \\ \text{When the} \\ \text{sp} \\ \text{sp} \\ \text{sp} \\ \text{sp} \\ \text{sp} \\ \text{sp} \\ \text{tr} \\ \text{sp} \\ \text{tr} \\ \text{tr} \\ \text{sp} \\ \text{sp} \\ \text{tr} \\ \text{tr} \\ \text{sp} \\ \text{sp} \\ \text{sp} \\ \text{tr} \\ \text{sp} \\ \text{$ Sunne if duo on

The use of this table will we decleare by an example and what soever may be faid of the rifing of the Sun, the fame may be faid of the starres. Example.

Et the height of the fun be measured; and found to be 7 degrees above the Horizon, and in the table of the Sanne above written; there are 13 minutes which the Sun feemeth to be higher than it is, therefore substract 13 minutes from the 7 degrees, there will remaine 6 degrees 47 minutes for the true height of the Sun.

But if we take the diffance of the Sun from the Zenith according to this Example, it would be found to be 83 degrees, and then the 12 minutes added to the 83 degrees the product is 83 degrees 13 minutes for the true diffance of the Sun from the Zenith, then if we take 84 degrees 13 minutes from 90 degrees there will remaine 6 degrees 47 minutes as before, and so will it be in all the other.

How many miles or leagues you wust faile on every point of the compasse before you shall get a degree in breedth of the land,



or C O

15 leagues
Northealt and by east and S.E. and by east, as from A to H or to P for a degree 27 leagues

gree 77 leagues and a halfe,
Then are you out of the Meridian, as from B to K. or from C to R. V.

#### Of the changingh of the Compaffes.

THe needle of the freele neder the Compafe, whetted with the Salle from , drawes at feverall places feverally, at fome right to the north, at other turnes it to the east, and other-wayes to the west. As per Example: By the Ilands of Corvo and Flores, (the westermost of the Flemmish Hands.) By Helmshuy a little by west the north-Cape. About degree, 39 minutes, which I doe finde in the Table next the 40 degrees 30 leagues weltward from the fouth corner of Spits bergh, by eaft the Cape de Bona Esperance, on the Cape das-Aguilhas, and at more places as, well in the East as in West Indies, showath the wetted needle right north Westward from the Flemmish Hands by east the North-cape; On Nova Sembla, on the Coast of Spitsberge, and by east the Cape das Aguilhas, upon the whole IndisSea theweth the fame from the north to the westward, and by east the Flemmish Hands, by west the Gape de Bona Esperance, and more other places from the north eastward. The turning off from the needle is then portned in two, to witth, from the north to the west, which by the Dutchmen is called westering or north westering, and from the north to the east, which is called eastering or north Ealtering. Every one of these is also devided in two, to witt, increating and diminithing eaftering; as alfo, increating and diminithing westering Increasing Eastering or westering, is, when a man failes from weft to cast, increasing and diminishing, which then doth diminish. The fame can be more plainly understood by Examples, as followeth.

#### I. Examples.

lilly, to flew right North) laid fall under the Rofes, about 2 third parts the one land to the other, in the common Pascardes of these Fare-wa above the Horison to degrees and measure also the Sunne with a shew-

fary to have a good care, and marke sharpely there-upon, over what side dow of such hanging thred dorn show , the which is as I take it on P 60 as how farrethe same sheweth from the north, for to be affored what courfe a man (failing) doth keepe.

For to finde the miffe-flewing or turning off from the Needless man feeketh first the right north (for to make the Needles off turning to agree therewith ) upon feverall manners : Men measuresh with a Compaffe ( whereoff the Needle with the lilly doth lye right over another the Sun in the morning when thee rifeth, and in the evening when goeth under: If both these measurings fall even farre from the North to the fouth, the Compaffe off the Needle fleweth then right north, without any turning off.

If the up-going be nearer to the north then the undergoing, the turning of then is from the north to the ealt, & a man hath northcattering, the Sunne is high, five, the fecond, eight, or ten the third, twelve,

turning-off is then from the north to the Weit, and a man hath north then a man doth finde how the one a greeth with to other, and

#### 1. Example.

Being the up-going of the Sunne on F from E by north the east 40, that is, from A the norther 50 degrees; the under-going from A the norther 8 o degrees, the bow G thanding turneth a great deale upon the Compañe.

meaturing from the well D G be done to degrees, from the molt from  $P_{ij}$  because  $P_{ij$ 

#### II. Example.



by east the Lilly, the Lilly or Nedle shew. passes is made in this manner as you see in this figure where the roundely eth then 10 degrees from the right north to the west. Or if a man from the leffest measuring drawes 10, from the most of the west 30, and devideth the remaining 20

in two, there comes to even on AB, the northwellering of the Neddle. If the up-going falls by north the east and the undergoing by for th the west, a man doth even upon the same fashion to the fouth, as in the former examples to the worth is declared.

#### III. Example.



Taking I to be the up-going from E degrees, Gthe undergoing, from Dthe 78 degrees, B flal be the right northpoint men E D with the axeltre of the Wordl.

by fouth the west 16,3ddeth with the most measuring by north the cast 40, and doth devide such number in two, there comes 28 even on the north-eaftering of the Needle.

thinghs, which in the measuring of the up and under-going of the Sunne past foure, that is he goeth from the east to the west through the south

When it appenerh that a man can not fee the Sunne in the up and houres. undergoing, through the thicknetle of the Clouds, hee may then meafure the feme in the fore and after-noon upon one felfe-fame height, and de e as before.

#### FI. Example.

Foure or five houres in the fore noone the nearer the up-going the of a ftroake, from the north to the Eath. The courses and diffances from better I take with a degree bow or A ftrolabium the height of the Sunne ters, are also made after such Compates, so that men with the fame can ing Instrument over the compasse, or with and hanging thred, and finde faile there unto without altering of the Compaties, or to make any other the shadow of the tred on G, 40 degrees from the north to the well, fuch that I C G muit be taken for the fladow, I note that per memore, Upon farre Vojages over the great Sea, where the Needle turnes and staye till after moone that the Sunne is gone downe againe upon the a Rroake, two, or more, now to the well, and then to the Eaft, it neces | fame height as before of 10 degrees, and I looke then where the fla-

degr. from A north, fich that HCE portraves the shadow. The bow GAF 100 degrees, devided in two a like parts on B, fo that G B and BF every one doth 50 degrees, the point B is the right north point, the needle then turneth from the north of Bunto A, to the west, 10 degrees, and also in all other occasions.

After fuch a manner may a man in the forenoone measure, two three, foure, or more as by Example: The first, when

If the up-going befurther from the north then the undergoing, the lifteen or more, and in the afternoone againe upon the like heights, when a manalwayes findes a felfefame north point, he is then fo much more affured off his perfect measuring. This is hereby to be noted: how a man doth fuch measuring further from the midday and nearer on the apgoing and under going of the Sunne, the more certaine it is, and the more thereu-pon may be trufted; by reafin, because the Sunne comming close by the midday, doth but change little in height, not with-

A.F., doth then 130 degrees, the following doing in two 300 feets that G band B  $\mathbb{R}^{|G|}$ . T is knowned experienced Mariners that the ebbing and flowing every one doth 65 degrees, B is then the following the Moone; allo that at every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new and fall every new every one doth 65 degree; B is then the Moone the waters are higher, which they call firing-tydes, and at the right North-pointin the midded betweet the up and under-going y fich a Compatible through the part of the Moon the waters are loyed: for the Aryon may know and the quantum from B to A 15 degrees to the call. Or if from the legislation of the well D G be done to degrees, from the unoft from the well D G be done to degrees, from the unoft from the well D G be done to degrees, and an what measuring from the well D G be done to degrees, and a compatible the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the prop

To know on what stroke the Moone is, it may be done in a two fold manner, by the fight or by marking how old the Moone is, to looke at Let the up-going of the Sunne be on F | Some froke of the Compaffe, may not be done according to the com-So degrees, from the north to the east, the mon Compasselying flatte or driving water Compassel, because that undergoing on G 60 degrees to the welt, Circle or Azimuth the Sun or Moone flandeth, but by a Compaffe that thefe devideth in two on B, fuch that GB (being litted up) according to the Superficial part of the Equino-Stiall, devideth the Equinoctiall into equall parts, as the comthen the right north point, 10 degrees mon flatte driving doth the Horizon, fuch an Equinocial com-

quinoctial, the gnomen E D the axeltree of the World. The forefaid roundel in B marked on both fides, in the infide with the Compaffe, and on the edge of the outfide, with twice 24 hour, and in the eaft and well at Land M hanging on two piones as it were on an exeltre, fo that thefe being turned up and downe, and the gnomen fet & the nether end by D and by the Ouadrant F D

the cast distant 40, and from A north 50 G, that you may place in at the height of any pole. If you fet fisch a compatte with the bottom water compatte, the line well to the fouth 16 or from the north A HK just north and fouth, to wit H to the north and K to the fouth, and 106 degrees the Bow GDA F is then 156 the lower end of the gnomen by fuch a degree of the Quadrant F C, acdegrees, these deviding on two, as before cording to the height of the Pole where you are: there will the rondell on B, such that GB and B F every one doth A BC, stand even with the surface of the tutne Equinoctiall, and the gno-

28 degrees by well the Needle, the fame The fight one fuch a Compaffe, and a common one, different very much and by how much nearer the Equinoctial to much more will the the east. Or if a man the leffest measuring difference be, as will appeare by this Example following

1 Example On the height of 50 gr. or thereabouts, the Sunne being in the beginning of the Cancer in the greatest northerly declination it is a common Out of the former Examples is enough to be understood all other Compasse east at halfe and houre past seven, and well at halfe an houre in nine hourer, but from the west through the north to the east in if

#### 2 Examble.

At the height of 30 degrees, he comes lit'e before halfe an houre paft nine at the east, and a little after halfe an houre past two to the west, and it goeth in leffe then y houres and a halfe from the east through the jagaine 45 graden, that is defeending halfe way theweff, the shaddow shal with into the Weft, but from the West through the North to the East | be at the 3 hours in the afternone in the southwest, but comming to the goeth more then 11 houres.

3. Example.

The Dragonshead being in the beginning of Aries, and the Moone in in as concerneth the points or strokes of the Compasse. beginning of Cancer, they make 3 degr. more Declination than the n,& go to the forelayd height of 30 degrees more then an houre 600- wing under every firoke two rankes of ciphers, the first are the dayes of the east, and rifing remaineth east untill he commeth to the Zenith, ding by high water. d paffeth that to the West, and abideth so descending West, till he ap-Sacheth the Horizon and is accordingh to a flatte driving Compaffe e one halfe of the Day eaft, and the other weft, without comming no y other stroke, but it is not so on such an Equinocial Compasse. The nch to the west in 6 hours, and againe from the W. through the N. in lice fix houres.

made, like the axeltree of the world, and the roundel right in the water of the the adjurght like the rue Equipochial there. The Suncomonling above legislating, the haddow of the gonome fluid livered you to the fast water of filling the rounder of the right like the true Equipochial there. The Suncomonling above legislating the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the results of the result ie shaddow shall fall just on the lead at the twelfe houre in the fourth, clocke 12 minutes.

West and by North, and East and by South.

o At the Inttish ilands 48 Before the Hever, Eyder, and Falling off

48 Refeare the Hever, Eyder, and Falling on 6 Flye, tisfore Ennder and Dalfe-Pireams yn 42 ziel, Before Enckanyfen, Horn on the fa-21 and Orck, upon all the coath in efroke, of the Flanders, upon the fore-48 land. At Doverer in the fard, 50 are Bevefier on the fand, 44 Hanson on the Kay, Belo 12 Schietenburght and the Rassoff From the 13 Janckers.

A8 at Olfernes.

36 in the Conduit 24 at Iubleter in the Road.

Horizon the fladdow fhall fall on the 6 hours in the Weft.

As this is spoken of the Sun, the same must be understood of the moon

r from the east to the west, then the Sun, to wit, about the space of 4 the age of the moone, or the dayes past since the moone was new or at ures, & againe from the well to the east about the space of 2 houres the full. The second the houres and minutes off those dayes, in the Under the line, the Sun having no Declination, rifeth in the morning which the moone comes to fuch a froke, and makelhat the place fran-

Example.

Eight dayes after the moon hath beene new or the full, I defire to know when the moone commeth to the fouth, or at Embden, Enckhuylen, and fuch like places, makes high water (for there a north and a fouth moone makes full Sea) I feek under the north and fouth stroke the 8 day ery itroke, to wit, from the east to the fourth in 6 hours, and from the in the 1 columne, and by that in the second 6 hours 24 minutes on that then shall the moone come to the north and fouth at 6 houres 24 minut. and make high water in that place.

The tyde 48 minutes later every day, that is foure or five parts of an Under the line, the Sunbeing in the Equinoctiall, I fet the end of houre, then if you know at what houre the new or full moone make high e gromen E directly north, the other end D to the fouth at the up- water in any one place, you shall reckon from that first day every day 4 ge of the Quadrant at G on O, the gnomen E D shall lye Water or 5 parts off an houre later, and so you shall find the just time of high

fundell, and devideth that in the same time into equall parts with the high water at three of the clocke, a day after the new or full moone at adow, being 45 graden above the Horizon, the shadow of the gnomen three of the clocke 24 minutes, two dayes after at foure of the clocke Il dired you to the 9 houre in the fouth, being come into the Zenith, and 36 minutes, and foure dayes after the new or full moon at fix of the

### Here follow the Table of the Water tydes.

| Weltnorthwell, and Ealtfouthealt.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |  |
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| Welfouthwest, and Railnorsheell to mi    Falling of farms upon the factory   before   farms upon the farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms   before   farms |
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fary to have a good care, and marke tharpely there-upon over what fide dow of such hanging three doth thew , the which is as I take it on F. 6. as how farre the fame sheweth from the north, for to be affored what courfe a man (failing) doth-keepe.

For to finde the miffe-flewing or turning off from the Needle, a man feeketh first the right north (forto make the Needles off turning to agree therewith ) upon feverall manners : Men measuresh with a Compaffe ( whereoff the Needle with the hlly doth lye right over another ) the Sun in the morning when thee rifeth, and in the evening when goeth under: If both these measurings fall even farre from the North to the south, the Compasse off the Needle sheweth then right north, with out any turning off.

If the up-going be nearer to the north then the undergoing, the turning of then is from the north to the east, & a man hath northeattering. the Sunne is high, five, the second, eight, or ten the third, twelve, turning-off is then from the north to the Welt, and a man hath north-

### I. Example.



meaning from the wett 0.5 be come to degrees, from the molt from points of frock the Moone maketh high were in any particular place, the eaft E F40, and the remaining 3 oder dethin two, comes 15 BA to the great profit and furtherance of navigation.



and BF, every one doth 70 degrees, B is by east the Lilly, the Lilly or Nedic shew. passe in this manner as you see in this sigure-where the roundell eth then 10 degrees from the right north to the west. Or if a man from the lessest measuring drawes 10, from the most of the west 30, and devideth the remaining 20

in two, there comes to even on AB, the northwestering of the Neddle. If the up-going falls by north the east and the undergoing by for th the west, a man doth even upon the same fashion to the fourth, as in the former examples to the north is declared.

#### III. Example.



Taking F to be the up-going from E 78 degrees, B shal be the right northpoint men E D with the axeltre of the Wordl.

by fouth the west 16,addeth with the most measuring by north the cast 40, and doth devide such number in two, there comes 28 even on the north-eaftering of the Needle.

thinghs, which in the measuring of the up and under-going of the Sunne past foure, that is he goeth from the east to the west through the fourth

When it happenerh that a man can not fee the Sunne in the up and houres. undergoing, through the thicknesse of the Clouds, hee may then meatime the fore and after-noon upon one felle-fame height, and At the height of 30 degrees, he comes lit'e before halfe an houre pa de e as before.

Foure or five houres in the fore noone the nearer the me going the of a ftroake, from the north to the Ealt. The courses and distances from better take with a degree bow or Aftrolabium the height of the Sunt the one land to the other, in the common Pafcardes of these Fare-wa above the Horston 10 degrees and measure also the Sunne with a shew ters, are also made after such Compaties, so that men with the same can ing Instrument over the compasse, or with and hanging thred, and find faile there unto without altering of the Compaffes, or to make any other the shadow of the tred on G, 40 degrees from the north to the well fuch that I C G must be taken for the fladow, I note that per memore Upon farre Vojages over the great Sea, where the Needle turnes and staye till after moone that the Sunne is gone downe againe upon the a Rroake, two, or more, now to the west, and thouse then where the sha

degr. from A north, a ch that HCE por traves the shadow. The bow GA F 100 degrees, devided in two alike parts on B fo that G B and BF every one doth 50 de grees, the point B is the right north point. the needle then turneth from the north of Bunto A.to the west, 10 degrees, and also in all other occasions. After fuch a manner may a man in the

forenoone measure, two three, foure, or more, as by Example: The first, when If the up-going befurther from the north then the undergoing, the fifteen or more, and in the afternoone againe upon the like heights when a man alwayes findes a felfefame north point, he is then fo much more affured off his perfect measuring. This is hereby to be noted: how a man doth fuch meafuring further from the midday and nearer on the neong one up-going or the Sume on F.

By north the eaft 40, that x, from
A the norther 50 degrees the under-going
On the Sume, the more certaine it is, and the
more three-up-on may be trutted, by reaf. n, because the Sume certaine it is, and the
more three-up-on may be trutted, by reaf. n, because the Sume certainer
three-up-on may be trutted, by reaf. n, because the Sume certainer
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AF, doth then 130 degrees, thefological of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the feet sport of the f every one doth 63 degree; B is then the Moone the waters are higher, which they call spring-tydes, and at the right North-point(in the middelt betwixt the up and under-going) fuch a Compaffer duarter of the Moon the waters are loweft: for that you may know and the up and under-going) fuch a Compaffer duarter of the Moon the waters are loweft: for that you may know and the up and under-going of the up and under-going of the up and under-going of the up and under-going of the up and under-going of the up and under-going of the up and under-going of the up and under-going of the up and under-going of the up and under-going of the up and under-going of the up and under-going of the up and under-going of the up and under-going of the up and under-going of the up and under-going of the up and under-going of the up and under-going of the up and under-going of the up and under-going of the up and under-going of the up and under-going of the up and under-going of the up and under-going of the up and under-going of the up and under-going of the up and under-going of the up and under-going of the up and under-going of the up and under-going of the up and under-going of the up and under-going of the up and under-going of the up and under-going of the up and under-going of the up and under-going of the up and under-going of the up and under-going of the up and under-going of the up and under-going of the up and under-going of the up and under-going of the up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up and up tre up and omer-going) incina. Compatible persons to use soon the waters are covert 1 to that you may know and flowerth then from B to A 17 degrees to the cult. Or of from the lefte [fethereof is well-defended from the well D G be done to degrees, from the most from the well D G be done to degrees, from the most from the well D G be done to degrees, from the most from a price of docts. Motion about the highest persons are the controlled from the well D G be done to degrees.

> To know on what stroke the Moone is, it may be done in a two fold manner, by the fight or by marking how old the Moone is, to looke at Let the up-going of the Sunne be on F | forme froke of the Compaffe, may not be done according to the com-So degrees, from the north to the eaft, the mon Compaffe lying flatte or driving water Compaffe, because that to degrees, from memorias of needing, the undergoing on G so degrees to the welt, the bow GAF doth then 140 degrees.
>
> Circle or Azimuth the Sun or Moone standeth, but by a Compasse that thefe devideth in two on B, such that GB (being litted up) according to the Superficiall part of the Equinochiall, devideth the Equinoctiall into equall parts, as the common flatte driving doth the Horizon, fuch an Equinoftiall com-

> > ABC fleweth the flatte of the Equinoctial, the gnomen E D the axeltree of the World. The fore-faid roundel in B marked on both fides, in the infide with the Compaf-fe, and on the edge of the outfide, with twice 24 hour, and in the eaft and weft at Land M hanging on two pinnes as it were on an exeltre, for that thefe being turned up and downe, and the gnomen fet & the nether end by D and by the Quadrant F D

Lasting F to be the up-going from E classifier and the height of any pole. Characteristics of the tradefirm of the height of any pole. The wild not the found 1 for from the north A [18] with north and loud, to with I to be north and K to the found, and 106 degrees the Bow GDA F is then 156 the lower end of the gnomen by fuch a degree of the Quadrant F C, ac degrees, these deviding on two, as before cording to the height of the Pole where you are there will the rondell on B, such that GB and B F every one doth A BC, stand even with the furface of the tutne Equinoctiall, and the gnd

The fight one fuch a Compatte, and a common one, differeth very.

The weth then 28 degrees from the north to much, and by how much nearer the Equinocitial for much more will the the east, Or if a man the leffest measuring difference be, as will appeare by this Example following-

1 Example On the height of 50 gr. or thereabouts, the Sunne being in the begin ting of the Cancer in the greatest northerly declination it is a common Out of the fermer Examples is enough to be understood all other Compasse east at halfe and houre past seven, and west at halfe an houre in nine hourer, but from the west through the north to the east in

nine at the east, and a little after halfe an houre past two to the west, at

#### Abreefe Instruction off the art off Navigation,

fo it goeth in leffe then 5 houres and a halfe from the caft through the ragaine 45 graden, that is defeending halfe way the weft, the fladdow fhal South into the Weft, but from the Weft through the North to the Ealt he at the 3 hours in the afternone in the fouthweft, but comming to the he goeth more then 11 hours.

Horizon the shaddow shall fall on the 6 hours in the Weft.

3. Example.

proacheth the Horizon and is accordingh to a flatte driving Compaffe,

the one halfe of the Day eaft, and the other welt, without comming no

Example.

any other stroke, but it is not so on such an Equinoctiall Compasse. The

twice fix houres.

As this is spoken of the Sun, the same must be understood of the moon The Dragonflead being in the beginning of Aries, and the Moone in in as concerneth the points or ftrokes of the Compaffe.

the beginning of Cancer, they make 5 degr. more Declination than the To reckon by the age of the Moone, we have fet in the table follo-Sun, & go to the forefayd height of 30 degrees more then an houre foo- wing under every stroke two rankes of ciphers, the first are the dayes of ner from the east to the well, then the Sun, to wit, about the space of 4 the age of the moone, or the dayes past fince the moone was new or at houres, & againe from the well to the east about the space of a houres. the full. The second the houres and minutes off those dayes, in the Under the line, the Sun having no Declination, rifeth in the morning which the moone comes to fuch a ftroke, and maketh at the place ftanin the east, and rising remaineth east untill he commeth to the Zenith, ding by high water. and paffeth that to the West, and abideth so descending West, till he ap-Example.

Eight dayes after the moon hath beene new or the full, I defire to know when the moone commeth to the fouth, or at Embden, Enckhuylen, and fuch like places, makes high water (for there a north and a fouth Same and Moone both going alwayes in the same diffance of time over moone makes full Sea) I feek under the north and fouth stroke the \$ day every itroke, to wit, from the east to the fouth in 6 hours, and from the in the 1 columne, and by that in the fecond 6 hours 24 minutes on that fourth to the west in 6 houres, and againe from the W. through the N, in then shall the moone come to the north and south at 6 houres 24 minut. and make high water in that place.

The tyde 48 minutes later every day, that is foure or five parts of an Under the line , the Sun being in the Equinociall, I fet the end off houre, then if you know at what houre the new or full moone make high the goomen E directly north, the other end D to the fouth at the up-water in any one place, you shall reckon from that first day every day 4 per-edge of the Quadrant at G on O, the gnomen E D shall lye Water or 5 parts off an houre later , and so you shall find the just time of high Com affe, like the axeltree of the world, and the roundell right in the water or full fea in that place.

lead upright like the true Equinoctiall there. The Sun comming above the Horizon, the shadow of the gnomen shall dired you to the fixt When the moone is new or full, then it is at Amsterdam and Rotter-houre in the east, for the rising, but if hee rise beyond the edge off the dam and where cover a fouthwest and northeast moone maket hull sea. roundell, and devideth that in the same time into equal parts with the high water at three of the clocke, a day after the new or full moone at shadow, being 45 graden above the Horizon, the shadow of the gnomen three of the clocke 24 minutes, two dayes after at four of the clocke will direct you to the 9 houre in the fouth, being come into the Zenith, and 3 6 minutes, and foure dayes after the new or full moon at fix of the the shaddow shall fall just on the lead at the twelfe houre in the fouth, clocke 12 minutes.

#### Here follow the Table of the Water tydes.

| Weft and by North, and Estland by South,  disho m  Arch testrich ilands  12 of Arch testrich ilands  13 a 3a (leckwerch el tever, Fyder, and Falling off at 1 a 6 liby, lester finder of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of th | Northweft by weft, and Southeaft by Eaft, |
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| N      | forthwell, and Southwell |             |     |        |     | Northwest by north and Southeast by South,      |     | 1   | forthnorthweft, and Southfoutheaft            |
|--------|--------------------------|-------------|-----|--------|-----|-------------------------------------------------|-----|-----|-----------------------------------------------|
| ni]    |                          | Falling off | ŀ   | la ho  | •   | mi, Falling off;                                | ıda | ho  | mi                                            |
| 1      |                          | ftreames .  | - 1 | 1      |     | irreames                                        | 1   | 1   |                                               |
| g Wit  | hout Fontenay            | upon the    | - 1 | 0 3    | 3   | o'At Amfordam , Rotterdem , upon the            | 0   | 12  | 45 between the pas of Galice and Falling off  |
| 3 Wic  | hout Blavet              | fame        | - 1 | I 3    | ,   | 48 Dort and Zierickies , before fame ftrok      | 1   | x   | 35 the maje at Roan, in the Sorlis of reames  |
| I Vnd  | ter Bulline              | ftroke,     | 1   | 2 4    | 1   | 36 Newcaltle, the Thefe, & Harie From Ca,       | 2   | 2   | 21 before Sinte marthews pountlinen the       |
| 9 hefu | re the VVicling          |             | - 1 | 3 5    | ,   | 24 poole. In Roobinhoods bay, de Hagne          | 1 3 | 3   | 9 in Brillow and Crixdow, inflame flrok       |
| 7 befe | ore the male.            | Amidft      | - 1 | 41 6   | ۶.  | 22 without the Flemis banckes to the ilad       | 1 4 | 3   | 2/ the forde betweene Pleyfands               |
| 51     |                          | through     | - 1 | 5 7    | ,   | o In the pas off Callice, before off Ornay      | 5   | 14  | 45 before the floas, at S. marten,            |
| 3      |                          | the Heads   | - 1 | 6 7    |     | 48 Conquet, at peymanques groy From Carn        | 16  | 5   | 33 before Rochel before Bronwa.               |
| 1      |                          | From Dun    | į   | 7 8    | ١.  | 36 Armentiers , his Kiliaets , zey to Ca-       | 17  | 6   | 2 30, at Roan, in the River off from fem.     |
| 19     |                          | kerck to    | - 1 | 8 9    |     | 24 porthus, the River of Burdeux quet, from     | S   |     |                                               |
| 27     |                          | Greveling   | - 1 | 9 0    | ) ; | as On al the fouthcoalts off Bri-invitord       | 9   | 1 2 | 57 fituated on the Coaffs of Spain Deepe,     |
| 15     |                          | From Sta-   |     | OIL    |     | o ragne, Gascoigne, Poida, On to Ramsey         | 10  |     | 4) Galiffien, the fouthfide of Breakfrom Leal |
| 3      |                          | ples to Fe- |     | Tit.   |     | 48 al coalts off Biscaye, Galiffien At Fawike   |     | 19  | 22 taigne, Galcourne, and the well rand to    |
| 5.2    |                          | cam From    |     | 2   12 |     | 46 Portugale and Spinie, On the in the          |     | 10  | 21 coalts of Yrelandt Start.                  |
| 9      |                          | dortmont    |     | 3 L    |     | 24 west cousts off Yreland, 2t Bo - channel, 2t |     | II  | From C2,                                      |
| 7      |                          | to Ex-      |     | 4 2    |     | 12 kenes or Orkenesse, in Hitland portlad in    |     | 11  | deClare to                                    |
| 5      |                          | mouth.      | ()  | 5 3    |     | o and Fairhill, the Sack.                       | 115 | 12  | 45 London                                     |

| 11 |                                    | 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | mouth.                                                                                                                                                                          | 15 3                                                                 | o and Pairhill,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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All South<br>30 contined Found, waterford, an<br>12 Concelle Found, waterford, and<br>44 Increase Foundation of the South<br>44 Increase Foundation of the South<br>44 Increase Foundation of the South<br>44 Increase Foundation of the South<br>45 Increase Foundation of the South<br>46 Increase Foundation of the South<br>47 Increase Foundation of the South<br>47 Increase Foundation of the South<br>48 Increase Foundation of the South<br>48 Increase Foundation of the South<br>48 Increase Foundation of the South<br>48 Increase Foundation of the South<br>48 Increase Foundation of the South<br>48 Increase Foundation of the South<br>48 Increase Foundation of the South<br>48 Increase Foundation of the South<br>48 Increase Foundation of the South<br>48 Increase Foundation of the South<br>48 Increase Foundation of the South<br>48 Increase Foundation of the South<br>48 Increase Foundation of the South<br>48 Increase Foundation of the South<br>48 Increase Foundation of the South<br>48 Increase Foundation of the South<br>48 Increase Foundation of the South<br>48 Increase Foundation of the South<br>48 Increase Foundation of the South<br>48 Increase Foundation of the South<br>48 Increase Foundation of the South<br>48 Increase Foundation of the South<br>48 Increase Foundation of the South<br>48 Increase Foundation of the South<br>48 Increase Foundation of the South<br>48 Increase Foundation of the South<br>48 Increase Foundation of the South<br>48 Increase Foundation of the South<br>48 Increase Foundation of the South<br>48 Increase Foundation of the South<br>48 Increase Foundation of the South<br>48 Increase Foundation of the South<br>48 Increase Foundation of the South<br>48 Increase Foundation of the South<br>48 Increase Foundation of the South<br>48 Increase Foundation of the South<br>48 | From Offend<br>S. Catelines,<br>fro Berghent<br>to Struthert<br>the Breefand<br>one and in<br>Fro C.de Cla-<br>re to the Illand<br>Saltees , be-<br>htweeu Lou-<br>don and Hol- | daho  1 6 2 6 3 7 4 8 5 9 6 10 8 11 9 12 10 11 11 12 2 13 3 14 4 5 5 | In Torlay and Dartmouth, 3 in Hymmouth and Fawycke, 5 in the Sea of Golder 29, in Milford, 11 AtXamfey in waler, 3 before Lin in Rugeland 19, Inail havena on the fouth coaft 20, In Milford, 19, Inail havena on the fouth coaft 20, Inail havena on | Falling off<br>threames<br>upon the<br>fame firok<br>From Ifie<br>bas to the<br>Foure,<br>FromDor-<br>fey to C. | da ho<br>0 6 6 2 7 4 8 4 5 10 6 10 7 11 10 2 2 11 12 3 13 4 5 15 6 | mi VVcfl and Ealt mi before Hambourgh , 48 before Hambourgh , 48 before bernene, 30 before Mardiederor Texel, 11 at blackner and VVcfs, 0 before Anisother years, 48 Texpers, 48 Texpers, 48 Texpers, 12 Texpers, 13 Texpers, 14 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, 15 Texpers, | Falling off<br>fireamen<br>upon the<br>fame firek<br>From the<br>Kifeafles<br>to bergh-<br>fieur,<br>Erom En-<br>glants end<br>to Lizard |

21

| Westfouthwest, and Eastnortheash                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         |
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Ito the wa

24 and Yarmono.
22 Within the Seyne.
23 Richard of Wight.
24 In the Raffe of Portland.
36 Betweene Gamley and the Riff
24 Calles.
25 Calles.

Hinv to finde the age of the Moone.

To doe this without an Almanach, you must know the Epad or Key of the years, and that you shall finde by the Golden number, and that you shall finde by the Golden number, and that yours. the Golden number thus: looke how many yeare there are path from that years of our Lord, 1500 and these devide by 19 and what remains stile, but the Epact is 10 more, therefore if you adde 10 to the Epact of is the Golden number of that yeare, if there remains nothing, the Golden number of that yeare, if the rew file, you shall have the Epact of the old stile, as for the yeare den number is 19.

I defire to know the Golden number of the year 1 6 4 5, fetting the remainder is 12. Then the Golden number of the yeare 16 +5 is 12.

| Golden Nomber.<br>New Epack.<br>Old Epack. | 1 2 2 | 4 5 6 | 7 18 | 9 10 | 21 2 | 1 2 |
|--------------------------------------------|-------|-------|------|------|------|-----|
| I in hormon no                             |       |       |      |      |      |     |

neths that are pall from March to the moneth you are in , the fame monotes that are part from other to the brings forth 3 c, then it is new moon moone, to reckon from the noone of the fame day following, to the afe the first day of the same moneth, but as much as it is lesse then 30 fo and cultome of Altronomere, many dayes you have to the new moone.

In the yeare 1641, I defire to know when the moone shall be new in the momenth August, the Epack of that is 18, adding to this 6 for the number of the moneths fince March (the moneth of August being inclided) it makes 24, there want 6 to make it 30, therefore, the moone shall be now 6 dayes at this, that is the 6 of August.

The Bpack, the number of the moneth past from March and the day I no repair, the number of the moment pair from march and foever it brings each, the leap-yeare hath two, the first you shall use to the 24 of Februsforth, more then 30) it showeth the age of the moone.

I. Example

To know the age of the moon on the 12 of August 1645. I adde the Rpact 2 to 6, the mouths paft, & 12 for the 12 dayes, they make this 20, is the age of the moone, but this is to be understood after the new stile.

To finde out callly without calling up the time the new moon, we have here a joyned an Almanach for 10 yeares next enfuing, calculated by the meridian of Amfterdam, flewing the day and houre of every new and full moone, together with the quarters, the use of it is thus: by the moo-

the yeare with one, as in the yeare 1640, it is \$,1641 it is 9, and fo forth to 19, after that agains 1, 2, 3, &c. The Epact changeth every yeare on the first of March increasing with 11 to 30, but being more then 30, yournust leave that 30 and the remainder is the Epact. You shall finde it by the Golden number on the 3 joynts of your thumme, beginning with one at the lower joynts, unto the Golden number of your yeare propofed, doth end this kind of relling at the lower joynt, and then the Epact and the Golden number are all one; but if it end on the fecond joynt, adde 10, if on the third joynt, adde 20 by the same Golden number, that number is the Epact of that yeare.

The Golden number increaseth every yeare with the beginning off

at In the Boffe of Caen
Co Allong of Normandy and PicCo Allong Co Affer Cardy.

At S. Helena and Calveroort Hand

Dardan.

I defire to know the Epact of the yeare 1645, the Golden number is t 2, tellingh on the joyuts of the thumme, beginning with one at the lower joynt, the telling endeth with 12 on the highest joynt, adding 20

After the old flile, the Golden number is the felfelame with the new 1645, 10 to 12, (the Fpact of the new ftile) comes 22, this is the Epact of that yeare according to the old file.

But find the Epact without telling, is the Golden number to know 1500 a fide, I devide the 145 yeares wit 19, I find feven times, and the but according to the old and new file, looke on this Table following, where they are fet the one by the other.

Α 3 14 15 16 17 18 19 G B 3 24 5 16 27 8 19  $\mathbf{r}$ С 4 15 26 7:18/29 E D

S. Michael

in the Greeke,

in every mooneth there are two columnes of ciphers, the first sheweth Example.

I would know in the yeare 1625, in the moneth of July, on what day and houre the moone will be new, and I finde the new moone, on the 5

To know what day of the weeke that will bee, you must first know the Dominicall letter of that yeare, and with what letter each moneth beginneth, the Sundayes letter you shall find under the Almanach off ry, the other to the end of the yeare, every moneth beginneth with fuch letter as this table following fheweth.

begin with D May Ianuary February begin with B Dlune March Inly G October August. begin with C November begin with B (F December Sentember)

For as much as July beginneth with a G you shall begin to tell at ground minicall letter of that years, and fo it will bee wednefday, and fo in all the north without harderance, comming to the height of so degrees but minican retter of the Leape yeare you must tell both the 24 and 25 on F, because being 100 leagues from each other, and that following the fame courthe 25 day and 24 were added on F.

Of the CARDE. 1 is knowne to every man, especially to enroll the maters make one much to wide, unleffe they drawne in, which can not be done, but you complete round body, and therefore it can not be, that you should fet must make other places more faultly. forth the same periectly in a plane or Carde, either in the hole or in part, but there will be some want, for it is unpossible to make a plaine agree with a round forme in all the parts thereof. So that your common part, purtuence with a cound forme in all the parts thereof. So that your common agree with a cound forme in all the parts thereof. So that your common cardes many times tayle in truth effectably those that comprehend the countries many times tayle in truth effectably libraries. By the Cyclus of the Sundays letter turneth against at his beginning, if you will be a contribute to the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of cardes many times take in a special state of the Equinocal state of the Sunne (untruely called the Circle of the Sungreat and rong voyage of the control of the Eafterly and ne) for the year 1643, adde then 9 to the fame number because Christ Maps which are commonly used that or at least the errors are so little is borne in the tenth years of the Cycli, Devide that number with 28, that they hinder not.

which have invented them, have brought no small profit and utility to years, Mariners. The fault of them confift in this, and thus it may be feene: If you w uldfaile a Triangle, the 2 first fides will bee failed on their strokes, and diffances, but from the 2 to the 3 place (that is the 3 fide of the Triangle) it will fayle both on the ftrokes and diftances.

Example. If alle from the Lizard a ftraight course to the Ilands of Canary, and from hence against to the Ilands of Corvo and Flores, on which forefaid itrocks, and diffances many Maps, are very complete and perfect. But if I would faile againe from Corvo to the Lizard, from whence I first failed, the Card will shew me an imperfect way, to wit, it will seeme farther wide in the Card, then indeed it is, also it will differ on the points of the Compatte: fo that you must direct your course more northerly then that who h your Card directeth.

In so short a yourney, as this above sayd, it is not much observed neither it is worth the observation : but those that fail to the West-Indies, shall foone perceive it; when they fet sayle, they take their course far to the fouth, and there they finde their Cards of a fit length because the Cards are fitted to it; But in their returne, when they take their courie northward, they finde the way much florter then their Cardes

flew them. This is the cause: All the Lines in the Card from north and south are drawne every where at an equall diffance each from other, from the E-Quinochiali to the Pole, but on a globe which is made round like the earth, they are not of an equall distance, but the more northerly they come, fo much the neater they come each to other. So that two ftrokes from north to fouth at the latitude of 60 degrees, are but halie fo wide from north to journ at the faithful of the Equinochall, and at the Pole they comes 1647. I devide that with 15, then comes in the quotient 10,9. rom one another, as they are at the Equinoctial diffant and there remaineth 12 that is the Roman Indiction for that yeare.

eround to 5, and that fall out in B, that is the third day after B, the Do- from one another two hundred leagues, they may both faile directly fe, they would in the end meet each other under the Pole, but if you direct fuch 2 thips by a plaine Carde, the will be alway at equall distan-T is knowne to every man, especially to those that understand the

#### Of the Sunnes Cycle, also Cycle Indictionalier Remish Indiction.

then you finde in the quotient how many times the Cyclus is turned They are very fit Instruments to be used at sea, and our forefathers, since Christwas borne, and that there remaineth is the Cyclus of the

#### Example.

If you defire to know the Cyclum of the Sunne from the years 1643, adde 9 thereto, then, comes 1652, devide that with 28 then comes in the quotient 59, how many times the Ciclus is turned over fince Chrift was borne, because there remaineth nothing, so is the Sunnes Ciclus for the yeare 2643.

The Roman Indiction is ordered by the Romans, at that time when they had brought the whole world under their command, it is a number of 15 yeares, which did devide in 3 Lullra.

in the first Lustra or 5 yeares did they gather gold for the enriching of the Emoccour.

In the fecond Luftra did they gather Silver, for the payement off

In the third, did they gather Iron and Steele, for reparation of her Armes. He that defire to know more hereof, may read Tit Liv. lib. 1.

The Roman Indiction beginneth al wayes upon the first day of Sept. For to know yearly the how manieft indiction it is, adde then t unto the date of our defired years, for men doth hold, that Christ is borne in the third yeare Indictionis, devide that number with 13, that which remaineth is the Indiction for the years; If there remaineth nothing then is the Indiction 15. The quotient showeth how many times the Indiction is turned over.

#### Example.

I defire to know the Indiction of Anno 1644. I adde a thereunto,

### Almanach for the years 1649. New ft:le.

The Golden num, off this yeare is 16 the Epact 16 Ro-The Golden man, off this yeare is of the Fpotd 10 ROC mas Indiction 2 would yeters, Chek alse sension; yeared 2 dress (Quadrugett, the Chek alse wines) and 2 dress (Quadrugett, the Chek alse 2 dress (Quadrugett, the 2 dress) and 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, the 2 dress, t vocld, under our Horizon.

#### 41 --- al for the sman to a NT--- file

The Golden number is 17, the Epzel 27, the Romane rha Colden number is 17, the I gold 25, the (number) indiction 3, the Sunday letter 0, the latter sometime to Mandy letter 0, the latter sometime to the I gold of the Sunday letter 0, the latter sometime to From Sunday the 5 of I tone Advent the 57 November 4, feltiplet 2, of the Sunday che which may be both of them force of an in the case the Sunday the 5 of the Sunday che 10 of the Sunday che 10 of the Sunday che 10 of the Sunday che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the Sunday Che 10 of the

#### Almanash for the years 16 s 1. New Stile.

The Golden number is 18, the Epack 8, the Romans The Golden number is 18), the space o, the Atomane Indiction 4, Sunday Ietter, A, he after-winter 8 weeks. Lent the 26 Febr. Ealler the 9 off April, Affectation the 10 off May, Whit-landay the 3 off December 2 Ecliples off the Sun, but neither off both shall be feen in our Hemilphere 1 shall be the 19 off April, 10 hourse 41 minutes, and shall be feen in Calimina, and in the wellen the Seabout the Texpick off Cancer, the 2 of the Sun the 14 of October, 2 houres 3 minut, it will be feen in fome places of Africa about C2-bo Verde, in Brafilia, and in the fouth parts off America in Peru , that off the moon shall beefecae off none , the darkening being little.

Almanach

1655 New flile.

new moon

moon da ho m

| timanach for the yeare                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Almanach for the year                                                              |
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| 1652 New Itile.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1653 New Stile.                                                                    |
| indodele access                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | moon, da ho mi                                                                     |
| laft quart. 3 + 3 50   new moon 1 c   17   3   first quart. 17   9   5   full moon 2   3   3   3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | firit quart 0 3; 2<br>full moon 13 5 51<br>lait quart 21 8 1<br>new moon 28 13 3 7 |
| full moon 21 3 3 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                    |
| Z Claft quarts 2 7 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | p. ( full moon 11 12 32                                                            |
| new moon 9 13 37                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | lait quart, 20, 3 33                                                               |
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| Figure 1 1 2 1 3 1 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | full moon 13 162                                                                   |
| firft quart, 10 1113                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | fril quart. 4 8 2                                                                  |
| left quart 1 7 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | firli quart. 4 8 2                                                                 |
| laft quart.   7,43   new moon   7,42   38   first quart.   5,425   full moon.   23,750                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Full moon 12 9 50 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1                              |
| L) firit quart. 15 4:25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | neo moo 2 23 1                                                                     |
| full moon. 23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                    |
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| 2 ) firlt quart. 14 14 52                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | E neur moon 20 7                                                                   |
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| Salt quart. 45 1928                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                    |
| 5 2 new moons                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | lait quart 17 22<br>new 11005 39 15 2                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Self-quarte 2 4                                                                    |
| laft quart, 28 039                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | firit quart. 2, 513<br>full moon 10 3 1<br>E lait quart. 17 3                      |
| E) new moon 3 842                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | E lait quart. 17 3                                                                 |
| Salt quart. 20   Salt quart. 20   Salt quart. 13   Salt quart. 13   Salt quart. 13   Salt quart. 14   Salt quart. 15   Salt quart. 16   Salt quart. 17   Salt quart. 17   Salt quart. 17   Salt quart. 18   Salt  | new moon 14 to                                                                     |
| S last quart. 27 6 36 new moon 3 1935                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | first quart, 3 4 23 1                                                              |
| 局 ) new moon 3 1935                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | full moon \$ 13.                                                                   |
| F (firtt quart. 12 0 1 full moon 18 22 49                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | new incon 22 13                                                                    |
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| 6 ) first quartile 113,10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | fi dquart. 29 8                                                                    |
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| o c new moon 2 4 16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | C full moon 6 8                                                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 8 new moon 2022                                                                    |
| full moon 161 56<br>laft quart, 23, 16 52                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | firit quart. 23 23                                                                 |
| new moon 31 22 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | o (full moon 418                                                                   |
| 2 ( firft quart.) 5 9 45                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | att quart. zi 3                                                                    |
| full moon 15 2 ; I<br>laft quart, 12 12 I<br>new moon 0 1 39                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                    |
| Jait quart, 12 12, 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | G (full moon . 3                                                                   |
| firlt quart 437 8 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | E full moon . 3                                                                    |
| 6 ) full moon 14 15 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | S ( near moon to 11                                                                |

1654 New Stile. moon (daho m full moon 214 st full moon | 50 (7/25) | 144 quart. | 14 quart. | 15 | 164 quart. | 14 quart. | 15 | 164 quart. | 15 | 164 quart. | 16 | 164 quart. | 16 | 164 quart. | 16 | 164 quart. | 16 | 164 quart. | 16 | 164 quart. | 16 | 164 quart. | 16 | 164 quart. | 16 | 164 quart. | 16 | 164 quart. | 16 | 164 quart. | 16 | 164 quart. | 16 | 164 quart. | 16 | 164 quart. | 16 | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 164 quart. | 16 full moonly 0 17 25 hrit quar: 19 1 - 8 full moon 27 1 1 3 They moon in size full moon 2 full moon s. 2.2 - C. Last quart. 14.3 - 2.30 furth quart. 1. 2.30 full moon 15.3 - 2.30 full moon 15.3 - 2.30 full moon 15.3 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 full moon 15.5 - 2.30 new moon 8 . 149 first quart. 16 12 45 full moon 23 6 12 first quart. 2 22 55 lait quart.30 3 0

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#### Almanach for the yeare Almanach for the yeare, Almanach for the yeare, Almanach for the yeare 1657 New Stile 1656 New Stile.

Moon | Solormin | Info | Solormin | Info | Solormin | Info | Solormin | Info | Solormin | Info | Solormin | Info | Solormin | Info | Solormin | Info | Solormin | Info | Solormin | Info | Solormin | Info | Solormin | Info | Solormin | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Info | Moon | Salio F Moon | da ho mi | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Section | Sect Z fi ft quart, 12 9 13 34 5 full moon 20 13 34 4 18

full moon 20 13 14

The golden Number 16. Epacta 16. Sundayes letter A G. Quincquag. 12 Febr. Easter 1 April. Whitfunday 20 May. Advent 2 Decemb. There shall be 4 Eclipses this yeare. The first in the sunne

den 18 Novemb.

first quart 29 641 The golden Number is 17. The Circle of the Sun 26 Sun- letter E. Quinquagefima 16 day letter F. The Roman In- Febr. Eafter 6 April, Whit-

our Horston , the 3 in the Sunne she 4 Novemb in our Horston the 4 Novemb in our Horston the 4 in the Moone hour. The fecond the Johnson The fourth of the houres, but neitfer of bots 11 a clocke. shall be seen in our Hemifphere.

A short Instruction. at 1668. Almanack for the year 1669. Almanack for the year 1670. Almanack for the year 1671.

| Almanack for the year 1668.                                        | Almanack for the year 1669.           | Newstile.                                                | New-stile                               |
|--------------------------------------------------------------------|---------------------------------------|----------------------------------------------------------|-----------------------------------------|
| Almanack for the year 1668. Almanack for the year 1669. New-stile. |                                       | Moon.  da.  ho.  mi*                                     | Moon.  da. ho. mi.                      |
| Moon. da.ho.mi                                                     | Moon. da.ho.mi.                       |                                                          | (                                       |
|                                                                    | new moon 1 23 50                      | full moon 5 17 28                                        | last quart 2 17 46                      |
| laft quart 61721                                                   | C.O                                   | laft quart 1 3 21 4                                      | new moon 10 14 19                       |
| new moon 13 7 49                                                   |                                       | January   new moon 21 2 5                                | January   first quart 17 11 47          |
| January first quart 20 12 54                                       |                                       | first quart 27 12 40                                     | full moon 24.13.18                      |
| I full illoon 20 20 40                                             | ه اهداد داست ا                        | full moon 41146                                          | last quart 1 1448                       |
| laft quart 5 1 25                                                  |                                       | laft quart 12 13 1                                       | new moon 9 3 37                         |
| new moon I I 1927                                                  |                                       |                                                          | Februa & first quart 15 1928.           |
| Pebrua first quart 19 84                                           |                                       | I tirit quartizo 3120                                    | full moon 23 651                        |
| full moon 27 84                                                    |                                       | I full moon of other                                     | last quart 3 10 12                      |
| laft quart 5 10 3                                                  | first quart of 142                    | liait quart 14 5 51                                      | March   feet moon 1014 6                |
| new moon 12 8                                                      | March, full moon 17 5 11              | March, new moon 20 21 36                                 | March, first quart 17 649               |
| March, 3 first quart 20 43                                         | laft quart 24 14.4                    | first quart 27 19 53                                     |                                         |
| full moon 27 21 4                                                  |                                       | 2   Tun moon 4(23)4.                                     |                                         |
| laft quart 3 153                                                   |                                       | I latt quart 12 10 40                                    |                                         |
| April 5 first quart 18 23 1                                        | April, full moon 15 185               | April,   new moon 19 623                                 |                                         |
| April, Sfirft quart 18 23 1<br>full moon 26 75                     |                                       | first quart 26 11 59                                     |                                         |
| last quart 2 222                                                   |                                       |                                                          |                                         |
| new moon to 12                                                     | firit quart 714                       | 8 May,   last quart 11 23 4<br>8 May,   new moon 18 15 3 |                                         |
| 1 G-0 amort 7 8 15 1                                               | May, full moon 15 63                  | 8 May, first quart 26 44                                 |                                         |
| May, full moon 25 15                                               | g last quart 22 04                    | 1                                                        |                                         |
| last quart 1 6                                                     | I liew moon 29                        | 11.610 22                                                |                                         |
| new moon 9 2                                                       |                                       |                                                          | 8 June, gfirst quart 13 1951            |
|                                                                    | 8 June, June moon 3 114               | E-6                                                      | 5   1ull moon 21 22 10                  |
| June, first quart 17 4                                             | 7                                     | Gill moon 2 12 5                                         | 8 last quart 29 644                     |
| laft quart 30 16                                                   | new moon 27 13 1                      | 1-6 appet 0 712                                          | 9 new moon 52242                        |
| new moon 8 18                                                      | 2   Inrit quart 5 22 2                | / tt- January moon IOIA                                  | 6 Jule, 2 first quart 13 11 38          |
| Jule, Sfirft quart 16 15                                           | 27 Jules 3 run 11001/12/23/1          | Tl'   Geft opertiad val                                  | full moon 21 10 28                      |
| full moon 23 5                                                     | co late quartity of                   | وأموام الممشر الإنجال                                    | 4 last quart 28 10 52                   |
| last quart 30 5                                                    | 52                                    | The second winds                                         | 6 new moon 4 8 38                       |
| new moon 7 8                                                       | 52 full moon vi 6                     |                                                          | Auguf, itrit quart 12 516               |
| Angue   first quart 14/23                                          | 41 Augui. 5 lan moon a                | first quart 23 61                                        | 2   Iuli moon 1921 26                   |
| full moon 21 13                                                    | 43                                    |                                                          | r                                       |
| last quart 28 21                                                   | First quart 222                       |                                                          | new moon 2 20 53                        |
| new moon 5 23                                                      | 12   - 1 C.11 - 1 - m   n   n         | 22 Sente.   new moon 12 18                               | 19 Septe, first quart 1022 46           |
| Septe.   first quart 13 5                                          | lafe quart of 14                      | firit quart 21 20                                        | full moon 18 7 17                       |
| full moon 1923                                                     | 4                                     | full moon 28 15                                          | last quart 24 21 32<br>new moon 2 11 47 |
| last quart 27 15                                                   | first quart a 8                       | ig lait quart 5 9                                        |                                         |
| new moon 5 12                                                      |                                       | 2 Octob. 2 new moon [13] [1]                             |                                         |
| Octob. 5 first quart 12 11                                         |                                       | 57 first quar 21 9                                       | 22 1.6 110011 17 10 52                  |
| full moon 1911                                                     | new moon 24 9                         | 45 rull moon 28 o                                        |                                         |
| last quart 27 13                                                   | Fuff oner at the                      | sı lait quart 4 1                                        |                                         |
| new moon 4                                                         |                                       | 30 Nove. 3 new moon 12 5                                 |                                         |
| Nove.   first quart 10 1;                                          | lait quart 15 3                       | 59 Hrit quart 1919                                       |                                         |
| laft quart 26                                                      | new moon 23 0                         | 45 Info guest 4 20                                       |                                         |
| new moon 3 1                                                       | innic quartizyizz                     |                                                          |                                         |
|                                                                    | Dec. Sun moon /                       |                                                          |                                         |
| Dec. Shrit quart 10                                                | tan quantity                          | T' i (full moonlacaa)                                    |                                         |
| last quart 26                                                      | [ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [ | 14/1                                                     | new moon 30 19 2                        |
| Come done 201                                                      | first quart 29 6                      | (4·I                                                     |                                         |

The golden Number is 18. The Epacta 8. The Sundayes diction 7. The Epact 27 Quinquagefina 3 March, Eatler 21 April. Whitfun-The Court of the Court day the 9 Iuny. Advent 1 De The fecund of the Sunne 19 the 10 May, in the Sout zea, the 2 in the Moone 26 Mayin General Chipfes in the funne. There that be 2 Chipfes in the funne. The chird of the Moon 29 the 3 in the fifther as A wall in the more september. 24 Octob. in the evening 10 Sunne 13 Octob. at evening without our Horison

The golden Number 19. Epacta 19. Sundaves letter D Quinquag. 8 Feb. Eafter 29 Moon 29 March. The third of the Sunne the 8 April, the fourth of the Sunne 3 Septem. The fifth of the Moon 18 Septemb. The fixt of the Sunne the 2 October al tho gether

| ni  | 307 3 |     | 2 clo | cke | , but |  |
|-----|-------|-----|-------|-----|-------|--|
| ii. | not   | be  | feene | in  | thele |  |
| un  | tray  | es. |       |     |       |  |

last quart. 22 955 new moon 30 536

| Almanach for the yeare 16                                             | 3. New Stile. |
|-----------------------------------------------------------------------|---------------|
| Almanach for the years 1 to 1 to 2 to 3 to 3 to 3 to 3 to 3 to 3 to 3 |               |
|                                                                       | frit cant.    |

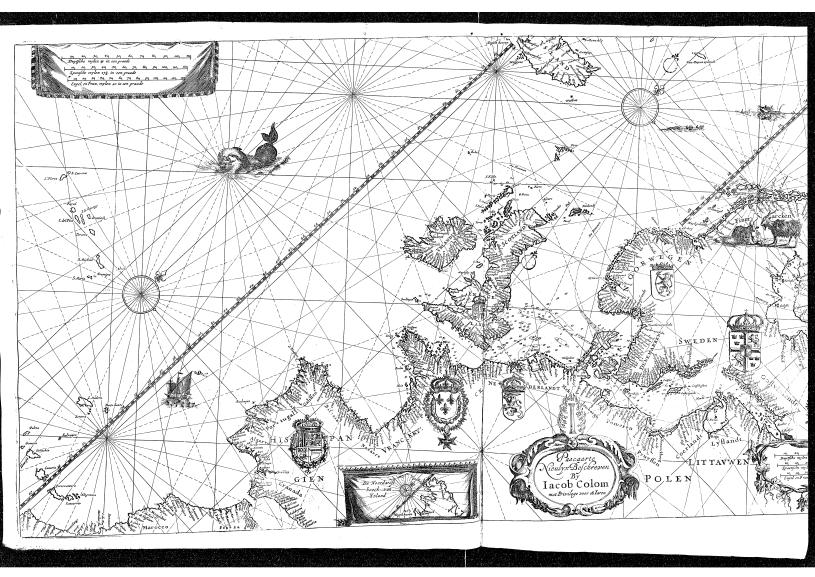
The Golden number is 6, Epact 26, the Romane Indiction 11, the Sunday letter F, The Golden number is 6, Fp. 80.2 as, the Remark Full State 1, the Smader letter 5, sterwinter 5 weeks c days Quadraged, the to the days letter that 2 of the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July seath of the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July letter 1, and the July let Almonach for the weare 1609 New file

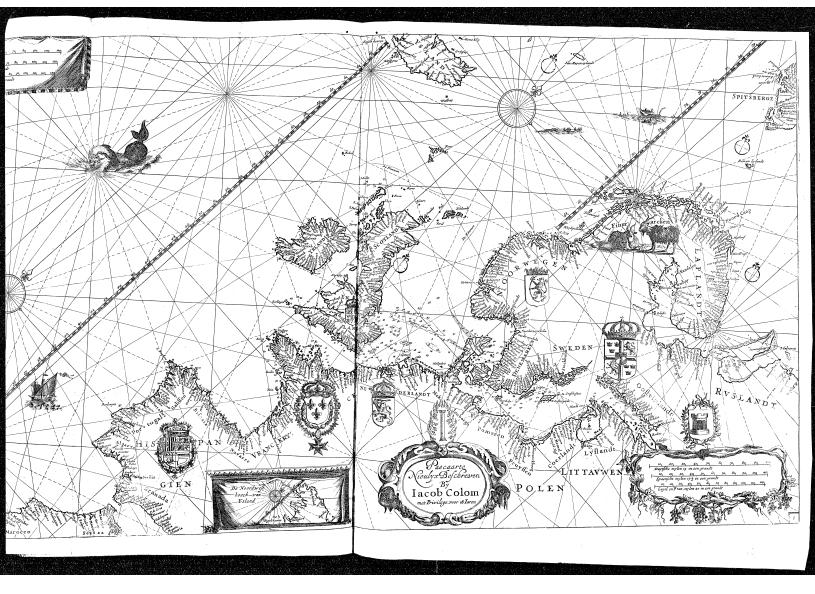
|                                                                                                                                                                                                                                                                                                                                                                                                                                     | ten la encheme to 3 3 Tu                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| moone. da homi<br>full moon s 21 13<br>lat full moon 22 21 5<br>full moon 62 20 46<br>full moon 62 20 46<br>Tal quart. 13 157<br>onew moon 20 21 5<br>onew moon 20 21 5<br>full moon 6 12 20 46<br>full moon 8 112 20<br>full moon 8 112 20<br>full moon 8 112 20<br>full moon 18 11 44 4 | Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moone   Moon | moone, 'datho mi  (a) faif quart   2 3'   new mooni   2 1'   faif quart   2 4 0   faif mooni   5 14 1   faif quart   2 10 0   faif q |

The Golden number of this yeare is 7, the Epact 7, the Romane Indiction 12, Sun-The Golden number of his varies is n. the Fand a, the Roman Endidion 1.8, Suit-druge letters, f. kerniur S weeks, 4, 4,400 (Suited), edited by the A. Battle et a prill. Aftendion the s.t. of stay, Whittinday the s.of line, Advent the 30 November 1 kernifers in the Sun, and is in the none the fifth of the covering 317 clock, whereaf weak had but feet the end; in the s. an the Number a better when the first in the memory that the second of the second of the s.of the second of In the Art of Navigation.

| In the Art or Navigation.                                            |                                                   |                                                            |                                                              |  |  |
|----------------------------------------------------------------------|---------------------------------------------------|------------------------------------------------------------|--------------------------------------------------------------|--|--|
| Almanack for the year 1672. Almanack for the year 1673<br>New-stile. |                                                   | Almanack for the year 1674.<br>New-stile.                  | New-ftile,                                                   |  |  |
| Moon.  da. ho.  mi                                                   | Moon, da.,ho,mi.                                  | Moon da ho mi                                              | Moon. da, ho. mi                                             |  |  |
| First quart 7 8 52                                                   | full moon 2 15 14                                 | new moon 6 14 12                                           | First quart 3 1629                                           |  |  |
| full moon 14 0 7                                                     | last quart 91119                                  | First quart 14 18 16                                       | full moon II 754                                             |  |  |
| January last quart 21 1046                                           |                                                   | Ianuary { full moon 2 i 17 50                              | Ianuary   laft quart 18 1 17                                 |  |  |
| new moon 2012 co                                                     | First quart 25 11 10                              | last quart 28 941                                          | new moon 25 10 3                                             |  |  |
| First quart 51719                                                    | full moon I 142                                   | new moon 5 9 14                                            | First quart 2 13 O                                           |  |  |
| full moon 12 12 52                                                   | Februa, new moon 16 8 co                          | Februa, full moon 20 247                                   | Februa, last quart 15 10 30                                  |  |  |
| Februa   last quart 20 11 37                                         |                                                   |                                                            | rebrua, last quart 16 10 30<br>new moon 24 3 36              |  |  |
| First quart 523 50                                                   | full moon 2 12 38                                 | last quart 27 016<br>new moon 7 347                        | First quart 4 7 10                                           |  |  |
| full moon 13 249                                                     | i laft marri 9 and 4.2                            | First quart 14 23 14                                       | full moon II 549                                             |  |  |
| March, laft quart 21 3 12                                            |                                                   | March, full moon 21 13 17                                  | March,   laft quart 17 21 22                                 |  |  |
| new moon 281448                                                      | First quare 25 4 33                               | laft quart 28 1644                                         | new moon 25 21 22                                            |  |  |
| First quart 4 621                                                    | full moon 1 o 10                                  | new moon 5 20 26                                           | First quart 22156                                            |  |  |
| full moon 11 17 51                                                   | last quart 8 1844                                 | First quart 13 751                                         | full moon 91426                                              |  |  |
| April, { last quart 192043                                           | April,   new moon 16 13 46                        | April,   full moon 1922 50                                 | April,   last quart 1611 1                                   |  |  |
| new moon 26 23 57                                                    | First quart 23 946                                | last quart 27 956                                          | new moon 24 14 0<br>First quart 2 845                        |  |  |
| First quart 3 14 9                                                   | full moon 30 12 44                                | new moon 5 10 24<br>First quart 12 13 18                   | full moon 82230                                              |  |  |
| May, { last quart 1911 24                                            | May, last quart 8 12 44<br>May, new moon 15 22 43 | May, full moon 19 8 54                                     | May, slaft quart 16 148                                      |  |  |
| May, { latt quart 1911 24                                            | May, First quart 22 14 44                         | laft quart 27 3 24                                         | new moon 24 4 57                                             |  |  |
| First quart 2 0 6                                                    | full moon 30 1 54                                 | ncw moon 3 21 44                                           | First quart 31 15 52                                         |  |  |
| full moon to 030                                                     | laft quart 7 4 28                                 | First quart 10 17 13                                       | full moon 7 650                                              |  |  |
| June, Slaft quart 17 23 14                                           | June, I new moon 14 7 42                          | June,   full moon 18 20 14                                 | lune. 5 last quart 14 17 53                                  |  |  |
| new moon 24 14 2 5                                                   | First quart 20 21 34                              | last quart 25 20 19                                        | new moon 22 17 48                                            |  |  |
| First quart 1 12 23                                                  | full moon 28 16 29                                | new moon 3 6 56                                            | First quart 29 20 20                                         |  |  |
| full moon 91518                                                      | last quart 6 18 52                                | Iule, full moon 17 9 5                                     | Iule, full moon 6 16 6                                       |  |  |
| Iule, Slaft quart 17 748                                             | Jule, { new moon 13 14 41                         | laft quart 2512 4                                          | new moon 22 448                                              |  |  |
| First quart 31 310                                                   | First quart 20 7 10 full moon 28 7 29             | new moon 1 14 54                                           | First quart 29 0 0                                           |  |  |
| full moon 8 5 19                                                     | last quart 5 622                                  | First quart 8 443                                          | full moon 5 3 22                                             |  |  |
| Auguf.   laft quart 1513 58                                          | Anoul. i new moon I I 2 I 4.4.                    | Augus. & full moon 152344                                  | Auguf, laft quart 13 340                                     |  |  |
| new moon 22 6 15                                                     | First quart 18 19 56                              | lait quar 24 2 30                                          | new moon 20 14 26                                            |  |  |
| First quart 2921 4                                                   | full moon 26 2 252                                | new moon 30 22 30                                          | First quart 27 5 11                                          |  |  |
| full moon 61830                                                      | last quart 31535                                  | Septe. I full moon 141545                                  | Septe. full moon 3 16 58                                     |  |  |
| Septe. { last quart 13 18 50                                         | Septe.   new moon 10 549                          | Septe. of full moon 14 15 45                               | Septe. last quart 11 20 29<br>new moon 18 23 26              |  |  |
| new moon 2017 14                                                     | First quart 17 11 52                              | new moon 29 6 37                                           | First quart 25 13 3                                          |  |  |
| First quart 281430<br>full moon 6 446                                | full moon 25 14 14.<br>last quart 2 22 56         | First quart 6 622                                          | ruii moon 2 0 2                                              |  |  |
| Octob.   laft quart 13 024                                           | Octob. new moon 91547                             | Octob. I full moon 14 9 4                                  | Octob. Jiait quart 17/12/17                                  |  |  |
| new moon 20 7 10                                                     | First quart 17 6 22                               | latt quart 22 141                                          | new moon 18 8 70                                             |  |  |
| First quart 28 948                                                   | full moon 25 4 57                                 | new moon 28 16 12                                          | First quart 25 1 43                                          |  |  |
| full moon 4 18 7                                                     |                                                   | First quart 423 12                                         | rull moon 2 2 56                                             |  |  |
| Nove. { last quart 11 8 28                                           | Nove, a new moon 8 428                            | Nove. full moon 13 155                                     | Nove.   last quart 10 2 19                                   |  |  |
| new moon 19 0 7                                                      | First quart 16 231                                | laft quart 20 10 17                                        | new moon 16 17 56<br>First quart 23 17 38                    |  |  |
| First quart 27 425                                                   | full moon 23 18 52                                | new moon 27 3 39<br>First quare 4 19 39                    | full moon 1 2 1 42                                           |  |  |
| full moon 3 4 52                                                     | Dec   last quart 30 12 19                         | Dec. full moon 12 17 50                                    | Dec. Just quart olid o                                       |  |  |
| Dec. Slaft quart 1020 15<br>new moon 1819 4                          | Pirft quart 1523 8                                | last quart 1917 46                                         | new moon 16 442                                              |  |  |
| First quart 2621 14                                                  | full moon 23 651                                  | Lnew moon 26 17 46                                         | I FIFIT QUART 2 2 T 2 4 F                                    |  |  |
| £ 9                                                                  | Llast quart 2921 31                               |                                                            | (full moon 31 1536                                           |  |  |
| K <sup>b</sup>                                                       |                                                   |                                                            | - 1 115                                                      |  |  |
| The golden Number, and                                               |                                                   | The golden Number is 3.                                    | The golden same                                              |  |  |
| Epacta is 1. The Sondayes The golden Number a                        |                                                   | Epact 23. The Sundayes let-                                | The golden Number and                                        |  |  |
| letters C B. Quinquag. 28                                            | Epacta 12 Sundayes letter A.                      | ter G. Quinquagesima 4 Feb.<br>Easter 25 March, Whitsunday | Epacta is 4 the Sondayes let-<br>ter F. Quinquagef. 29 Febr. |  |  |
| PCD. Easter 17 April. Whit-                                          | (Immonagetima va Fela                             | Batter z y tviarch, W hitlunday                            |                                                              |  |  |

| Early 1 Advent 2 | Early 2 | Early 3 | Early 3 | Early 4 | Early 4 | Early 4 | Early 4 | Early 4 | Early 4 | Early 4 | Early 4 | Early 4 | Early 4 | Early 4 | Early 4 | Early 4 | Early 4 | Early 4 | Early 4 | Early 4 | Early 4 | Early 4 | Early 4 | Early 4 | Early 4 | Early 4 | Early 4 | Early 4 | Early 4 | Early 4 | Early 4 | Early 4 | Early 4 | Early 5 | Early 4 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 6 | Early 7 | Early 6 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early 7 | Early





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# FIERIE-SEA-COLVMNE,

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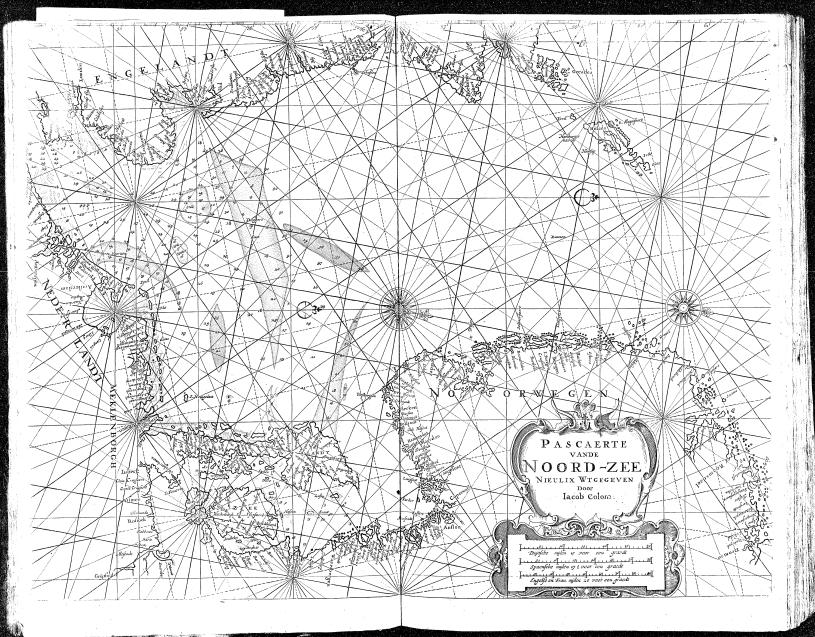
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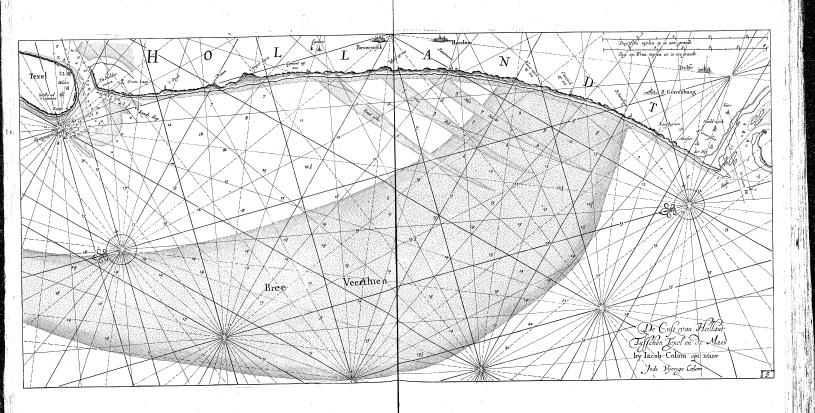
VVith priviledge of the High and Mighty Lords, the States Generall, for twelve yeares.

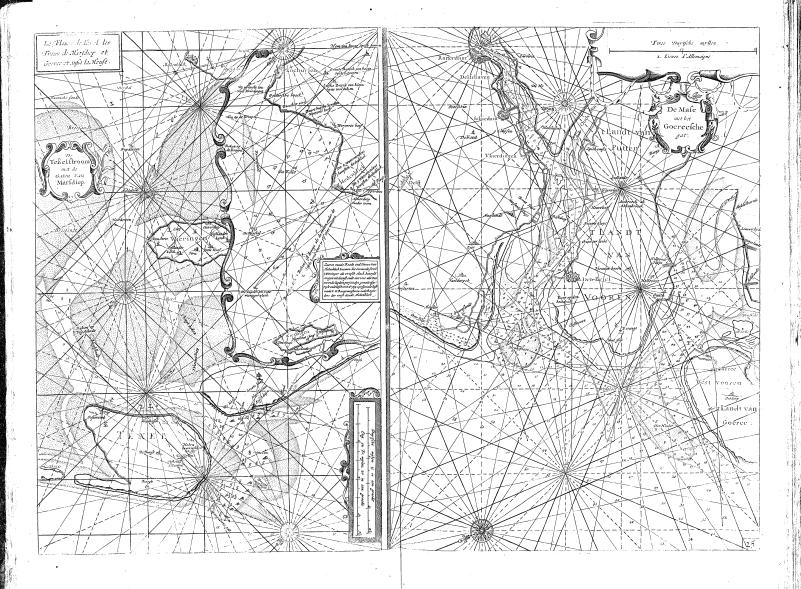


Printed at Amfterdam ,

By Iacob Columne, on the water, in the Fierie Columne,







## The First part of the Firie Columne.

THE FIRST BOOKE,

## WESTERN NAVIGATION

The description of the Zea-Coasts of Holland, Zealand, and Elanders, from Testellies the Heads off Doveroff Calice.

## The first demonstration,

Where in are deliniated the Theffel-fireame, and the (hamell off the fame, as also the Mase, and the Channell off Gaeree.

the land eath, until that the New church of Aunterdam come aboute Durgherdam, keepe that off tanding, untill that the church of Weelp become paft the Houle or Cattle at Mayen, for that it doe fland fomewhat nearer to Mayen then to the Houle, keepe Weelp thanding fountill that Edam come without the eath end of Mayen that the Cattle of the Houle, keepe Weelp thanding fountill that Edam come without the eath end of Maken. In this traversy it is along wards of Warvers hoof, that is along macked in the S.T wish the foundation of the Herbitship of the Houle, wards of Warvers hoof, that is along macked in the S.T wish the foundation of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the Herbitship of the H

In the Baye upon the Crippell, which lieth upon the Market off method on and from thence over Pangus, with a lippe off greate draught, that draweth tenne foct or more keepe Marc, ten church without to the land of Udan, called Schytel, dockshaven, I fo long until that the fleeple of Zayderwouw come patk Kinnigherbuert, which are the houfes half wayes become with the state of the transport of the state of the transport of the state of the courfe is northered. From the Baye upon the Cripples, and three fleet come and the contract of the courfe is northered and the well as the state of the Cripples and final fipie freeple come patking the state of the contract of the courfe is northered. From the Baye upon the Cripples, and the courfe is northered to the contract of the courfe is northered to the state of the courfe is northered. From the Baye upon the Cripples, and there are not made to the courfe is northered to the contract of the courfe is northered. From the Baye upon the Cripples, and there are no the state of the cripples fand three fathered and the courfe is northered to the them. The three from the Baye upon the Cripples, and three fathered and the courfe is northered to the theory of the courfe is northered and the state of the courfe is northered and the state of the courfe is northered and the state of the courfe is northered and the state of the courfe is northered and the state of the courfe is northered and the state of the courfe is northered and the state of the courfe is northered and the state of the courfe is northered and the state of the courfe is northered and the state of the courfe is northered and the state of the courfe is northered and the state of the courfe is northered and the state of the courfe is northered and the state of the courfe is northered and the state of the courfe is northered and the state of the courfe is northered and the state of the courfe is northered and the state of the courfe is northered and the state of the courfe is northered and the state of the courfe is nor

you come from the north wards, and oring Orck not more word-afterly then fourheaft from you, then you cannot take hurt alfoot the Enckhuyfen fand. From Urck to the buyes upon when you come from the Flye, then bring the fleeple off Op-the Cruphe and Hoffsdee, the courfe is northwest 'key weth, perclose over the welfermold Water-mill off five, which fland with that courfe you may runne all along that one to the fourther word of Medenblick, and runne in for right with with that courie you may runne all alongit unto the fourther-to time wettens to receivate a new running to windwards you then, untill that the wetermost watermill off eight to the may wel bring Medenblick a litle within the point of the Ven, eaftwards off Medenblick) come to fland a captione barres but when Medenblick is without it, then you are in the right for waye. Elength without the Bulwark, as here before once already because the Bulwark without the Bulwark, as there before once already because the Bulwark without the Bulwark, as there before once already to because the Bulwark without the Bulwark, as there before once already to because the Bulwark without the Bulwark, as there before once already to because the Bulwark with the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the Bulwark without the

thershall you misse the Town. In this foresaid faire way, there these, the Mill of Ooster-end (which is a little Village upon no leffe depth then upon the Wieringher flar, and all foft the east end off Teffell) and the Cape which standerth upon

Inoare lie three drift-beakons in 12 foot, and then commeth must cast about, else you should presently be on against the the westermost water mill (of the eight which stand to the east shoare.

then upon the Wieringer flat.

For to fail course is northwest and northwest and by north: but for to even unto the east point of the lland Tessel, and the Church over the state of the despet water, goe first northwest fo long until that off the Hand telled, and the Church we have goed the control of the Hand Telled, and the Church was goed to the control of the Horse upon Teffell too Zuyd-haffell, which is a few that. You'd hand the Church was goed to the control of the Horse upon Teffell too Zuyd-haffell, which is a few that. Ypels-hoofs Church come over the watermill, which is called houses to the northwards off the Schonce. Or else when you eath hoe is very neepe and neede to which it maning by Jimen to Zayonancus, and american seeping them to another the might fall e within a point or a tayle of it; to the weltwards off ime againt. Tedfell in the roade, and andoor there where you tenhouse though no not the most of the northwards, a great wayes thinks good. Before Oofterend it is beft for finall flips, thetwards the northeaft buye. Upon the outermost, or nortwards the northeaft buye. Upon the outermost, or nortwards the northeaft buye. thermost point, called Seughoort, standeth allwayes a beakon. doe anckor before the Geest. Upon Wieringher upon the Oever stand two litle capes with Vpon the point of the Bosse lieth a white buy in three sa-Thebos barrels on them, the one upon the Northend off the Oever, thom on the west point off the Balgh, which you must leave and the other upon the head, they are fo little, that you can on the starboard side, & run about to the castwards off it into hardly fee them: when you come off from the foutherbuye the Balgh, and then forth along they the beakons to Wierinnaruty are tremi: when you come on trom the sourcerunge to be being a winter torm along toy the centions to weight cowards the middle buye, then keepe them not one in the o-bear the first possible to be the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the sourc and use them then no longer.

both over a little Chappell covered with red tiles, that stand in 5 or 6 fathom, and run boldly out along they it, untill you upon the Oever, thwartoff it also flandeth the foresaid bea- be cleare out at sea. upon the overer, it means in a monantenance foreign the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the se

tectioner, out the cultimate interest, eigenstally nonemain to the outermont end very uters, out the eatthour of the further outcomed Jaep vaer. When the great Cape from deeper is infar. When you come that of the foreign deveriphen Handeth a great flaippel length to the eaftwards of termoft buyethen lieth the Kooger Church right E. N. E. w terminent transection a great impressenging to the canwell op the the hooles upon the Over, then you are well to waye, and from yoo, and the capes upon Huydownser one in the other there in the the Kerney between the norther buyer and the Netfer When Ypels-hoof and Stru are one in the other, there is the the the problem of the structure of the the structure of the the structure of the the structure of the the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the structure of the tayle on more prateral to the continuous, which you might injust ment mem, keeping mem o, and you that list in faile within when you faile off, but specially in failing upport the outermost buye, or in fight of it, which liet his a significant wards in fax of even fathom, upon tile the a blacke buye, upon the point off the Keyfers plate in 22, foot at low waters. Upon the point off the Neffe over against Jaep-wer liet ha when you come to the buye, the Koger Church shall lie due white buye, these lye both in three fathom, or three fathom eastnortheast from you. white buye, there lye born in three rathom, or three rathom cannormean trom you, and a halfe. In the winter, when the buyes are taken away, then in place off the white buye there is fet a backon upon the wards, then bring that Churchnot more northerly then e. c.e. Neffe. From the Neffe to Vogel fand, the courfe is most but rather a litle more eafterly from you, and faile then

darke, then goe on fouth and fouth and by east, according as junto the Beakon upon Voghel fand, the west shoare you may Vogesland the wind and tyde shall be, and you shall not doe amisse, nei-found in fix and seven fathom. The markes off this reach are the dyke, one in the other, then are you amiddest the Changround.

When the fleeple of Twifch is over the weftermost watersmill except one of the five which stand to the weftwards or when the fleeple of Twifch is over the weftwards or when the mill except one of the five which stand to the weftwards or when the mill standesh somewhat to southwards, or to the Abedenblick, and Groucebreck, in the sittle village, to the westwards of the five watermils on the Easterdykes, then are you winds of the five watermils on the Easterdykes, then are you winds wards of the five watermils on the Easterdykes, then are you winds wards you winds wards you will be the standard of the standard of the five watermils on the Easterdykes, and as you will be trailed of the Cripple. Upon these forestail markes, and as 1 youghel-land, it growth showler, and the east shoare very soot, like he buye with three legges, and on the forestail west like pee: As soon as you finde that it beginnet to showld, you should be added to the comments must call whose a discussional standards in the open and the water should be added to the open and the standards the standards water should be added to the open and the standards water should be added to the open and the standards water should be added to the open and the standards water should be added to the standards when the standards water should be added to the open and the standards water should be added to the standards when the standards water should be added to the standards when the standards water should be added to the standards when the standards water should be added to the standards when the standards water should be added to the standards when the standards water should be added to the standards when the standards water should be added to the standards when the standards water should be added to the standards when the standards water should be added to the standards when the standards water should be added to the standards when the standards were should be added to the standards when the standards water should be added to the standards when the sta

ealtwards of Medenblick) and fo you shall not have lesse water From the beakon upon Voghell sand, the course is west-Burgiand; nen upon the Wieringer flat. From the Souther buyet othe fecond or middle buye, the tetale off the Share, the markes off it are: the Eyerland the Bolmill, and then forthn. w. and by n. When the Corn-come about Voghelfand, then keep the forefaid cape and mill upon Wieringen commeth in the swamp off the Oever, mill one in the other, untill that the foresaid Horn come to, min upon wieringencomment in the wamp on the Overt, immore notice that the transfer of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free distribution of the free on the wen, or the neuth end of a little plate, caused the Kie, when that a year and comment event one east point on Lef-pell, the laire way is along to the welf wards of it, there being fell, then you have the length of the buye upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burgley upon the Burg nation accep. On the west noe of the rayre way, occurrence e-up-a-nation, not into write to use outstands of it, for elem fouther buye, and the middlebuye, nearest the middlebuy you should faile on against the fourth bases. Forto faile the shad fand called the Sow, or the old Sow, which on the thence to Copevaerders roade, you must keepe the Horne east faile is very steepe and needle to which (in failing up) men to Zuydhaffell, and faile forth keeping them so until you co-

ther, for it you keepe them one in the other, then you will be very close by the fourth offers, & follow live were not clear by our multigo entire followheet or formewhat wetherly to the madel, of the old Son, but keep the fourthermost a little to the web. Helder, or run along they the Teffell fide in 9 or 10 afrom, wards of the northermost, and then you that I mad longth the until you come near the Helder, and then goe out welf wards of the northermost, and then you that I mad longth the until you come near the Helder, and then goe out welf helder, and so the property of the source of the Helder, and by little and little close along the your the flore off the Helder, and by little and little source of the Helder, and by little and little source of the Helder. you come neare the middlebuy, you must leave these marks somewhat more northerly, untill that the capes upon Huyfdown be one in the other, or that the greatest come through From the middle buye into the Northerbuye, the course the smallest, to wit, to the westwards off it, and then goe on From the importance and the controller, the courts of the meaning the manager to wit, not new retwards our rt, and then goe on is northnorthweft. When you come thwart of the norther-I will. W. W. or more northerly or wellendy, according at the buye, their comments Ordinated Church and the Cornmill, wind or rydeffall be, until you come against the northfloare, but the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the controller of the co

wards off it. When you come by the norther byte, keepe or a little more afterly, then you have the length of Cape and wards off it. When you can by the norther byte, keepe or all the fore fail northnorthweft courfe, until that Oolfland teeples byt, thatis, the innermol buy of the Spaniards charder Church come to the northwards of the Sedge dyke of the length of Cape and fide. To the northwards of the Sedge dyke of the length of Cape and fide. To the northwards of the Sedge dyke of the length of Cape and fide. To the northwards of the length of Cape and the sedge of the length of Cape and the sedge of the length of Cape and the sedge of the length of Cape and the sedge of the length of Cape and the sedge of the length of Cape and the sedge of the length of Cape and the sedge of the length of Cape and the sedge of the length of Cape and the sedge of the length of Cape and the sedge of the length of Cape and the sedge of the length of Cape and the sedge of the length of Cape and the sedge of the length of Cape and the sedge of the length of Cape and the sedge of the length of Cape and the sedge of the length of Cape and the sedge of the length of Cape and the sedge of the length of Cape and the sedge of the length of Cape and the sedge of the length of Cape and the sedge of the length of Cape and the sedge of the length of Cape and the sedge of the length of Cape and the sedge of the length of Cape and the sedge of the length of Cape and the sedge of the length of Cape and the sedge of the length of Cape and the sedge of the length of Cape and the sedge of the length of Cape and the sedge of the length of Cape and the sedge of the length of Cape and the sedge of the length of Cape and the sedge of the length of Cape and the length of Cape and the sedge of the length of Cape and the sedge of the length of Cape and the length of Cape and the length of Cape and the length of Cape and the length of Cape and the length of Cape and the length of Cape and the length of Cape and the length of Cape and the length of Cape a when as the Ooftlander Church comment from the Sed little more northerly) which you must leave (infailing out ) all gedyke, goe then north, and north and by eaft on, to the Net on the larboard fide. The outermost buile lieth from the fourth fe. In that fareway it is broad and wide , the welt shoare all north somewhat easterly upon the point off the Keysers plate, along that the Cost is a bound and the cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cost in the Cos lee shoare, but the cast shoare is steepe, especially somewhat to the outermost end very steep, but the cast shoare off the

to. When reis-not and stru are one in the other, there horizontal you must bring the capes upon Huytoowne come first the reade, where me ode olde and unlade, you may not like the reade, where me ode older and unlade, you may not be the other, or a little through one another, to wit, the Run-put yield when the restrict the content of the restrict the structure of the restrict the structure of the restrict the structure of the restrict the structure of the restrict the structure of the restrict the structure of the restrict the structure of the restrict the structure of the restrict the structure of the restrict the structure of the restrict the structure of the restrict the structure of the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict the restrict

northwest, therefore when you have gotten the length of the right in withir, untill that the Capes come one right against buye or the beakon upon the Nesse, goe then mere westerly, another, or essential sightly sayle upon the Keysersbuye or the beakon upon the Neile, goe then in the wetterly, another which is without upon the North-fide very freepe northworthwest, and northwest and by north and northwest, plate, which is without upon the North-fide very freepe.

what foundaries, the cuyes near our ties were moure, into may at unknowns, and you may see your course that way that you for need faile alongit to the welfwards of them, but not faired, for the welf thours is to fittene, that if a great flippe flowlid by the with the flex mean against it, therefould be a lead on more them 3 foor, and by the main maft at leaft 3, fathom deep, but four foundaries, you must take the founding he fittle flore in them 3 foor, and by the main maft at leaft 3, fathom deep, but foor fathom and a halfe, and runne fool alongit by the flore.

me the Wandon Jone in the Other, when they maintained meet proposed properties and the properties of the more northestly then eaft northest from you, fayle in 6 right; planting, which is 6 they early you may have vively or which lieth from the kyckelow meet northwest and well from its possible of the properties of the meeting of the more cast, and floud be a ground before which lieth from the kyckelow meet northwest and well from its possible of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the meeting of the me wards, & will go in at Slenk, then bring the kyckdown east zuyd-haffell, then keep them fo standing, and sayle up fo foutheast from you, or the great Cape upon Huisdown in a litto the Voghel-sand, when that the Eyrland commeth even tle valley a little to the northwards of the kickdown, to wit, without the east point of Tessell, then you have the length right in with them, untill that the Cape upon Teffell and the upon a tayle of fand, which men may faile within a five or Westen are one in the other, then you have the length off the fixe fathom. From that Buye upon Burghsand, it is E. S. E. outermost buy, and shall not misse to meet with it, which lieth to the beakon upon Voghel-sand, but saile upon the foresaid in 4 fathom and a halfe at high water, and in a quarter leffe then marckes of the Hoorn and zuyd-haffell, foo long untill that 4 fathom at a low water, keep that Cape and fleeple one in the you have the Cape upon Teffell, and the mill of Oofter-end other, and faile in fo right with them all alongst untill past the one in the other, then keep men one in the other leavingh the third Buy, which lie all, (like as also the fourth and fifth )in the first markes, and fail up so unto the buye or Beakon upon the midft off the fareway, but alongft to the fouthwards off it is Neffe, and so you shall run amidft the channell in the fareway the Neffe deepeft, the fouthfhore is very freep, fo that having one cast which is 10, 11, and 12 fathom deep. If you bring the mill a A fathom and a half, the next cast you shall have but three fa- little to the Westwards off the Cape then you shall be close thom, but the west shore is flat going up. The fourth Buy li- by the south shoare, which is so steepe, that you may not coeth from the third eaftnortheaft, or fomewhat more eafterly: me neare it, in turning to windwards, then in eight or nine fathe fourth and fifth, eaft and by north. The fifth and fixth east thom. Being come about the neffe, then go on fouth and fouth and by north, and eath northeat. The fecond Buy lieth at low
water 2 or 2 i foot, you the flowder of the Slenck: the
water 2 or 2 i foot, you the flowder of the Slenck: the
Cfeffell is a long plane Hand, whereupon fland 4 Churche,
janermoft, in 3 fathom upon the point of the tayle, which
edd, or S. Iohns, but by the Pilotsif is called the Weften, or you may not faile about to the northward off it: but must lea- the Wambus. To the fouthwards of that stand an other sharp veit on the Larboard fide in failing in. But you must reckon steeple, called the Hoorn. The three is called the Burgh, which your tydes well. The foreflood falleth north northeaft, thwart trandeth fomewhat more to the northwards then the other two over this channell, and the fourth ground, untill halfestood beforefaid. The fourth is called the Oogh, or the Koogh and to the contrary the fore-ebbe fouth foutheast, until halfebbe,
which is the northermost of them all, without steeple, and is
ebbe,

from thence right to the Helder east foutheast.

lieth upon the showlds, nearest the west shore in seventeen little houses.

Men may runne along to the westward of the outermost and also within it, it is deep enough. Thwart of that Buy buy, but not far: alongst to the castwards off it, is broader shooteth off a little tayle from the shoare towards the Buy, therefore runne close alongst by the Buy, and leave it on the From the first or the outtermost buye, to the second, the standard fide of you in failing out. Besides that Buy, there course is south, somewhat westerly, and from thence to the lye3 other Buyes in the Land-deep, which you must leave all third, fourth, and fifth, which is the buye of the Cape and lying to feawards of you, and run through betwirt them and Reeple, it is all most one course, southfoutheast, or some the shore, when you are come past the 4 Buy, you shall be past what foutherly, the buyes lie all on the west shoare, men may all the shoulds, and you may set your course that way that you

the eaft floare is fat, men may runne along they it upon you land you find faile right with the outermost buye, and doing lead, untill they come within the buyes. The buye upon the for come to seen the floares or carryon floated faile within rayle, that is, the innermost buye of the Slenck, liesh from the the taile of Arran Bergers Core to you floated faile within a buye upon Cape and fleepie, found and by well, and S. Sweek, which from the floare, to the foothwhich floated for the fleepies but the Helder found that S. Sweek, which the Helder found the fleepies to the foothwhich floated from the floare of the fleepies to the foothwhich floated from the floare of the floated floated floated from the floare of the floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floated floa the east shoare is flat, men may runne alongst by it upon you and you shall faile right with the outermost buye; and doing The failing force ebbe to contrary fouth fourtheast, untill halfe ebbe. The it on the larboard fide, and runne in along it to the eastwards of the fitted in the larboard fide, and runne in along it to the eastwards of the structure of the fitted in the larboard fide and runne in along it to the eastwards of it, through betwire it and the flore, it lieth most northeast, foutheast and by east. When you are come near the Helder, run and northeast and by north in , you cannot lightly take hurt close along they it, forto avoid a taile which shooteth off from on neither off both fides, if you doe but take heed to keep Geeft fand, which you might faile within when you come in you from the shoare. Thwart of the Kyckdowne, or com-Section when you might make when you content post former thanks. Amount at the Expectation of from our of the far, there fierth a buye upon it which you must leave in group to the fourthwest of it, you must dego as list of from our the Larboard fide. Being patt the Helder, goe northealt, the floare, for to avoyd a flowly dwhich lieth thereabouts, for former than more eatherly, or along thy the felfels fide in ineight or nine fathom, unto the Cope vaerders road the Wierin- buye, then commeth the mill to the Northwards off the kyckdowne, and at the third, the mill and Cane Neles house In the Slenk lie 6 Buys, the innermost lieth upon the tayl come one in the other; which two buyes lye both in five faof the Keyfers plate, west northwest from the Helder. For to thom at low water. From the third to the innermost buye, it faile out at the Slenk, you must run alongst to the southwards is northeast and by east, run close along to the castward off it, of ir, and leave it on the starboard fide, and go out west, and for to avoyd the foresaid litle tayle of fand, which (thwart of welf and by fouth, to the fecond and third Buy, from the third it) lieth of from the shoare, and then forth within a bow short well allow by fourth, to the recond and thind buy from the many fourth fourth and fifth well fourthed; the fixt or outermost about by the heads, and so along by the strand of the Helder.

For to fail upfrom the Helder towards the Whieringe-flar, Bethantle more continuery.

For to finde the Sleak comming in our off the fea, then you must goe northead, or fomewhat more callerly, according the Cape upon the Hand Telfell, and the Welten, (that is the fleeple off Welteyader Church, which men does also matched the state of the the properties of the state of the Welteyader Church, which men does also matched the state of the Welteyader Church, which men does also matched the well-beth state the flower one or me the Wambaus) one in the other, then they shall fland a little (the northwards of Zuydhaffel, but take heed of the Whiterin-

betwist the kickdown and Cape Neles house , faile then fo of the buye upon Burghfand, which lieth on the fouthfhore, Burefand

Within the fixth Buy it is broad and wide, and mee faile in The Eyerland lieth close to the eastwards, or to the north-Eyerland. wards off the Teffel, and faft to it, when it floweth fomewhat For to faile out at the Land-deepe, then run alongst within high, it is divided off from the Tessel by the sea, and made to bow hot of the foot frand of Huyldown , and about by the an Iland: it fleweth it felfe off at fea like a low plaine lifle Iland heads, and you shall not miffe the innermost Buy, which with little hommocks, there standeth upon it no more then a

foot at high water, and thirteen foot at low water, that Huyfdow is a flort point off land with fome white fand- Huyfdows shouldy place is not above two shippes lengths broad, over it, hils, wheren the greatest and highest is called the kyck-

about east from the kyckdown.

two ones more maps recipies are in rotations. A rate the original consistence or observe a rate open are possible the fourthward of Peters heeth Hondbooks, a league to the of the land of the Brit. The fourth time leyth from the the fourthward of Peters heeth management of the Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Residual Resid the fourthwards of Peters light Camperdome, the best land to third almost upon the fame course right upon the Capes, toutnwards on retten uern. Amperdowne, the oett iand to untra amost upon the lame counteringuepon the capes, be known thereabouts, the north end is a high fleep white through lomewhat fourherly, betwitte their tumes is the dry. De Andown Litercausous, Lie north vinu is a nign iseep winter inrough innewnat toutnerly, ocerast times entennes is the disability with goods lidenting the foundermost part eld of the Male about ren foote, by the fourth tumes is it is igner and rough, being by grown over with head, or fyprie mewhat deeper, fo that it is thereabout eleven foot deep is gray and rough, being by grown over with head, or fyprie mewhat deeper, fo that it is thereabout eleven foot deep is gray and rough, being by grown over with head, or fyprie mewhat deeper, fo that it is thereabout eleven foot deep is gray and rough. The common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the common for the write pot, to that it is very good to be known. From Pettent to the fourth tume is it roome and broad, fo that you may goe good to be known, for it hash a thick flor theories the sale over good to be known, for it hash a thick flor theories. Abbey: foo that upon all the coaft of Holland, there is no play copied to be known as this. From Egonout upon the Sea, to Wyck upon the fea, are 3 leagues, their sallos flat fixed; and the the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work

weth it felfe also like a steeple.

this a fleeple; you may allo fee thereabouts within the land there is you had certainly come upon the aforefail Taile Iby Tarwind.

(when you are not very larre from the flower) Carwyck upon lond the Tarwind goeth a depth in, whereupon you may (when you are not very sarretrom incusore) Latwyck upon inorm of the Lawiana goeth accepth in, whereupon you may the klyine, and Rynsburgh and Valckenburgh, all flarpe failein the old Mafe unto Dordrecht, wherein also do lye the Khyne, and Kynsourgn and vancaernourgn, an market one out of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of t

the land mu, unmendment steepe, cancer arounce. Crave, concerning the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of the steeper arounce of th land, from Huyldown to the Maes, is altogether a clean strand,

wince.

When as the winde is fomewhat foutherly, paffe then you are paft the head of Schiedam) over the third house upon mate with winde.

downs, or Kykersdowns, the next to the fouthwards of it, is upon the old Markes, that is: (when you come cut off the Sea) called Directions fandidi, further to the fourthwards, they before you can fee the Capes, fee then the tower of the town and fact off by liteland little, and at length to nothing in a flat of the Birl (which is a thicke and flump tower without any little found). plaine frank. Upon the call end, called the Helder, lycalfo [harpneffe] eaft fontheaft from you, or fomewhat eafterly or plaine frand. Upon the east end, called the Helder, lye also financies of the transport of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of the Medical state of th Hayfdowns, or the Marfdeep and the Maes lie fouth Z. W. the utmoft tunne, which doth lye with low water upon 3 fa-

ly about 24 leagues a funder. From Huyfdown to Petten the From the utmost tunne until the second and third tunne. conflicts fouth and by welf four leagues. Petten hath alircoat netritout and by weit tour leagues. Ferrein naturant-you may nate in upon the valves. The feeds take the Church with a little feeple, and thereabouts you final fee upon 13 and the third upon eleven foote, being there belieds two other little finarpe feeples in the Northland. A little to the consists tower of Gerera a little upon the footfrand the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of the consists of or fand-hits, where fometimes you half fee amongst them a wind runnes it fumewhat lower. From the outlide until or many map, where commented you man see announce ment a windermines it comes an observation of control under white spots, or that it is very good to be known. From Peters to the fourth timne is it rooms and broad, for that you may goe Egmont upon the lea, it is three leagues Egmont upon the lea inere a reasonable depth, befores the innermost, passon, cat-icality very good to be known, for it hath a thick flat fleeple, led Heydiske, is if flomewhat more narrow. The fifth tunne which Handelin like a falle in the fach shill, and a fullet to the lysth distant from the fourth eaftnortheaft, and northeaft outliered off it you may fee Egmont within, which hath two lomewhat eafterly. From the fourth until the fifth in fouthwards off it you may fee Egmont within, which hash two [omewher catterly. From the fourth until the hith tun-high freeples upon the Abbey, clofe one to the other, where lue, by fourth along the tunnes, in the right fare-water, is it off the one is that per an interference of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction Abbey foothat upon all the coal of Holland, there is no pla-the fixtume, then comes Mafelandsdille, and the tower versych a nation the northwarmon is, when is a night, time, in the nation of the tried, and no north along the southern and that pleeple, befines that; you may fee alio betwire Eq. wall, untill you come before the Brief, where you may fee most and Wyck-upon the Sac Cafricion, and more other it. He that will bigher upon the Mafe may runne forth all margine-given the Sac Cafricion, and more other it. He that will bigher upon the Mafe may runne forth all margine-given the Sac Cafricion and which is the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state man uterpies, crom wyckupon tue reaso soutorouga is time; along tue soutorouga, must ne is pais tue dee soutorouga is leagues. Saudori bath a harp feeple, with a high fire beakon, then againe to the north-wall. From the cell-endoff Rofenreagues - annuous many mesque, whit a night the beatson, the agents to the nonlinevals. From the care-through constitute to the four hearts of it, in the black fandbill which fine-borough tumes off a Taile where you may faile upon, constitute to the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four hearts of the four heart eth it felfe alfo like a freeple.

To the northwards of Sandfort lieth a high white faud-hil. (when you are pat the Headsoff Black-wall) without or by

alongs over which you may fee Harlem, high square credit menth the se Harles, but doe hold there by south, then you atompt over when you may see trainent, migh square crosse instructure creates, but one more tiere by sourt, unit you.

Church, which hath a high tham deeple upon the midfl off cannot faile there unto, but you midfr nume there along a Church, which hath a high there along the moult off, cannot hate there unto, but you mult runne there along a did cliurch, and allo to the northwards off it a high fmall good dealeby fouth. Right by eath Heen-villet gooth the off Reeple (called Backhoffer fleeple ) thwart of it hath the Mafein, tho flour falles therein very flrong, whereof you Recept (cause useexister treepte ) towart or it naturne, statem, too usua, mass interen very arrang, wherever your Norwyck could felicially a great flay. From Sandfort to Northwyck mult have a care, not to mileade your lefte upon the Tarw. wonates remain a grant pay. From samoor to isotrowyce, morenee a care, no too musace your rear upon the Law-upon the fea, are 3 leaguer, that is a flat fleeple, whereby fand, which is a great Sand plate, and lich before in the flander ha fire beaton. To the hororthwarks of Northwyck beginning of the mildle off the old Mafe, which don't fall the old upon the fea, you may be Northwyck within, a flat fleeple, with low water a great deale day, and fleet reches that has no gamed upon the lea, you may be Northwyckwithin, a flat Heeple,
whereupon flathesh little capnot very ingh, and upon the
frat little capnot very ingh, and upon the
finall point weekwised in the Made, For to efcape the fame,
midt off the Carwyck upon the fea it is a great league;
for the Carwyck upon the fea; it is a great league;
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the Quireot Scieveing Courcins formering in generation are prepared in the four and the foreign and Churchit feller in manuer at the Hagues Church: a lide to improve the four part of the four part of the four heards off that Church flandeth allo a fire beaken. In the four heards off that Church flandeth allo a fire beaken. the foothwards off that Church flaudeth allo a fire beaken.

About halfe a league within the land-you may fee the Church

About halfe a league within the land-you may fee the Church

The Hagnes Replie the the body of the Church.

The Hagnes Replie

you may fee far above any other part of the land. From See the command of the water, till

you halfe to the Heyde it is a leagues, and from thence forth

the Hagnes (not the protein the size of the water, till

you are part of the land. From See the control of the water, till

you are part liver liver love to the three the water, till

you have the fourth-wall, and runne therefore the control of the water, which water leaves and from the fourth-you feel along, time

to Gravefand, or to the protein fleed it he water, which water eleven or eleven and an halfs for water comming The Heyde is a village without a freeple; but a little within water eleven or eleven and an halfe foot water, comming the fault hill, flandeth a flat fleeple; but a little within water eleven or eleven and an halfe foot water, comming the fault hill, flandeth a flat fleeple; called Monflett. Grave-close by the fourth-wall, it is deeper, firetching thwart or

If you will goe to Delfs haven, then (being past Schiedam) pelsis land, from Huydown to the oldens acceptance a creat trans, which men may come fo neare to as they will, into 4 and 5 facebook the founding off the northiflore, and run alond by it un. ven. will faile to Rotterdam, then runne alongft by the N.fhoare, fo The Mafe is too at this time but a wide or flat broad water I no Nine is now at this time intra wice or naturead water is supported by the distribution of depth, whereupon you may faile by his in the other then edge over, or a little footnet much the Schore, and

on the Schiedams head, and keep that fo standing so long untithen you shall bee past the eastpoint of the Hinder, which the till the head Charlois (whereupon standeth a little wood off, Pilots call the Buyen, runne then towards Goerce, or to the trees) come one in the other, and so you shall leave on the lat-board side, a litel should plate, that lieth about halfe wayes befhould before the haven, but 2 or 3 foot water, & are both very the steuples east and by fouth, or east southeast from you, acfleep. When the forefaid mill, and the head of Charlois come cording as you fladl have the winde, faile in right with it, unone in the other, then keepe them fo flanding untill that you ill you come hard aboord the flrand, and within and banwles

founder father Brill (which is a thick flat fleeple without any foire or up againe towards the shoare, or haven of Goeree, & anckor the mace. Tharp top upon it) E.S.E. from you, or fomewhat more eafter- there before it, or els if you will run up to Hellevort-fluce, ly or foutherly, according as you get fight of the capes; then then bring the mill which standeth to the westwards of Goe-voet-sluce without faile run it fight of the outermost buye, which lyeth wards of Helle-voet-sluce,

at low water in 3 fathom.

must faile yet right in with the cape; the fecond buye lieth in other, you may bring the steeple well e. f.east, or a great capthirteen, and the third in eleven foot, being thwart of ir, the stone bars length to the notthwards of the cape, & then run ofteeple of Goeree commeth a little upon the foot ftrand of the ver untill you come against the strand, and so you shall runne oland of the Brill. The fourth buye lieth from the third, yet ver the tayle of the Hinder in 14 & 15 foot at low water, but necre upon the course right in with the capes, but a little more when the cape & steeple are one in the other, you shall not have foutherly. Betwire these buyes is the showldest of the Mass ve lesse than 19 or 20 foot. Being come over the taile of the ten foot, by the fourth buye it beginneth againe to be deeper, that lict his eleven foot. From without unto the fourth buye, the channell is of a good bredth, fo that you may turne into windwards a goodwayes on both fides off the buyes, and borrow off the shoares on both sides by your lead, but right alonst but the fourth shoare alongst by the strand is very steepe. a litle to the foothward of the buyes, is the perfect deepeft water. The fitt buye lieth from the fourth eastnortheast, & ter. The fit buye lieth from the fourth eaftnortheaft, & norlieaft & by eaft, on the north from the deepe on the Honde deplate in eleventions, which you must leave on the larboard be plate in eleventions, which you must leave on the larboard when the eleventions, which you must leave on the larboard when the eleventions are all of the eleventions. orothesit & by early, on the corth fide of the deepe on the Homotophate in the content of the plant in elevention or, which you must leave on the latboard fide, and run in about to the foothwards of it. From the fourth to the fifth buye alongst to the fourthwards of it. From the fourth with the fifth buye alongst to the fourthwards of it. From the fourth with the fifth buye is the fifth buye it that the strength of the fifth buye it that the strength of the fifth buye it that the strength of the fifth buye it that the strength of the fifth buye it that the strength of the fifth buye it that the strength of the fifth buye it that the strength of the fifth buye it that the strength of the fifth buye it that the strength of the fifth buye it that the strength of the fifth buye it that the strength of the fifth buye it that the strength of the fifth buye it that the strength of the fifth buye it that the strength of the fifth buye it that the strength of the fifth buye it the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the norther channell.

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mortier chamtell.

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All these forefaid depths, and those which follow of the Goreree-gar, are set there (as asso in the Carde) according to the lowest water of a commonty de, and it flowest there fore to make the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of t

boars use, a rate flouid plate, that men about natic wayes beliver Schiedam and Delei-lawers, & runnel along fit to the b. [be of Goerce, and the Cape upon the land of Coerce, on in 824
wards of the flouid that field before the haven upon that forethe other, and either the other than 2 foot water, and upon the
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[build plate remainded to more than 3 foot water, and upon the
[build plate remainded to more than 3 foot water, and upon the supon than 3 foot water, and come thwart of the new head of Rotterdam, fale then towards cast in alongst by it, east and by north, & east in, so long unthe Towne, and close alongst by it, in betwixt the Towne and til that the land doe fal away more to the four hwards: thereaper to find | Date there you may acknow. Audign up it, in increase that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a contract that a cont

bring them one in the other, and run fo right in with them, or ree, a little to the northwards of the fteeple of Goere, keepe els if you bring the fteeple of the Brill a handspikes length to then so ftanding, & faile so up to Hellevoet-sluce, & you shall the northwards of Ooftvorn, and run fo right in, you shall come neare the plate which lieth over against or to the south-

When you faile it at the Goerees-gat with a bare foutherly From the outermost buye to the second an third buye, you winde, & that you can not bring the cape & steeple one in the

Off the tydes and courses off the fireams.

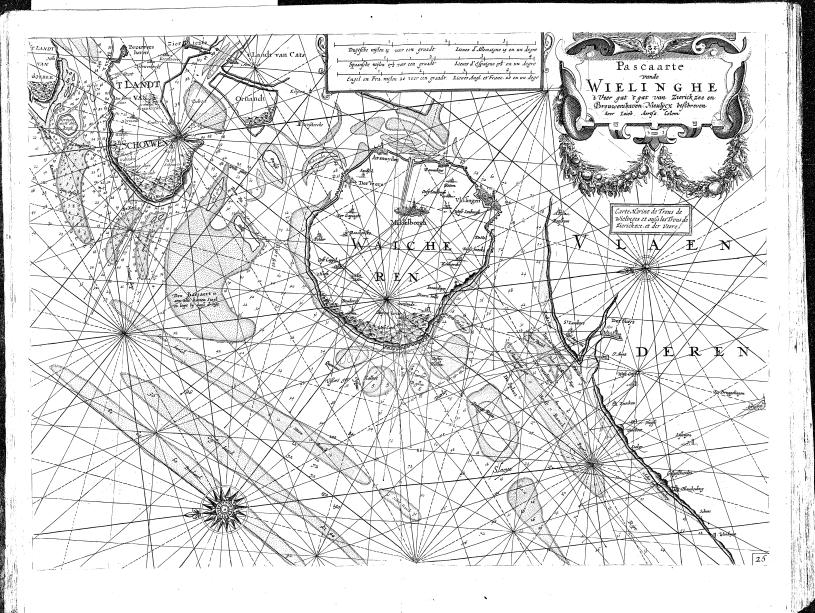
orthwards.

Betwixt the Marideepe and the Maes in the fareway, the fore-flood com-

The Telled freames, Texel.

Of his digitals of granules about the field lynch the trond fourteent, lyingh from there is, neith with a final legal which the trond fourteent, lyingh from there is, neith with familiar legal which the trond fourteent, lyingh from there is, neith with familiar legal which the trond fourteent, lyingh from there is, neith with familiar legal which the trond fourteent, lyingh from the legal which is the state of the legal with the legal which is the state of the legal with the legal which is the legal of the legal which is the legal which is the legal of the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which is the legal which The Teffel-ftreame, Texel. How these Lands doe show themselves at Ses. VVambus. Huyfdowne sheweth it felfe thus , when it is eastfoutheast from you, Egmont within Beverwyck. Thus appeareth the Hand Teffell, when it lyeth eaft and by north from you.

Camperdowne Egmont upon the fea: \_419\_ work on the fee? Thus showeth the coult of Holland betwitt Huyfdowne and Wyck upon the fea, when you fayle along thy it, phout three leagues from the land. Harlam, Nortwyck, Gatwyck, Schevelingen; Thus sheweth the coaft of Holland, betwist Wyck upon the fea, and the mass, when you faile alongit by it about a league from the land. Delft Loofduyn. Thefe two figures belong to the AA one to the other. Coffvoors S. cape The Brill S. by E. S. Gazvefant S. H. by S. When Gravefand is foutherfland by fouth from you, being a halfe league without the land; then the coaff of Holland to the northwards of the mass showeth it fells, as is postrayed in two figures here above. North capes. s'Gravefand The Heyde. VVhen you are open before the maes, the land to the northwards of it sheweth it felfe thus. Recagne. Thefe two figueres one to the other. Cape of Goeree. Outdote Goerees gat Recigne A When you are open before the maes, being northweft and by well from the Brill, then the land to the fouthwards of the maes sheweth it felfs, as is prefigured in the two figures, here above. The land of the Brill. The Brill eaft. Coffvoorn The two figures following belong unto this at the A A and B B, one to the other-Goereefe gat Cape upon Goeree. When you are before the Goereeie gas, about a league without the land, then sheland on both fides of it showeth, as is demonstrated in the three figures here above. Thefe two figures belong at the croffes one to the o Wolfack or Blenck. Reniffe S. B. by fouth;



## The fecond demonstration,

Wherein are sheweth the Channells off Brewers-haven, Sierick-fea, the Vere, as also the channels off Zealand, in the Whiling.



fand, called the Springer, which flowed to more under, but with very high flowed.

For to finde the Kevitlen, you mult bring the fleeple of Erickfea potheat and by fouth, or a little more foutherly post from you; and then you fall effy upon the land of Scowen, and the flower of the flower of the flower of the flower than the forefiddheeple of Zeirickfea, a wood of trees bring that and the forefiddheeple of Zeirickfea one in the other, and runnels of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower right untill you come against the sand, so should or neare as that wayes out, for that they may not faile upon the east side Fight funds upon use the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the season of the seaso the forefayd dry fand the Springer, at the end of the aforefaid the forefaid capes off the Channell of Brewers-haven, bring dry fand shooteth off also a point under water, the which you the innermost a handspikes length to the southwards off the thy ladu line of the land a long were stated in the Card. In this channel it is lad runne in betwirt the Hill and the New-Sand in fixtence,

the Land, and runneth into the eastwards , betwixt Schowen the description of the Keel. and the land of Goeree, upon it is no more then fix foot Water, when you will faile into the Channell of Breuwers-haven, re under defcribed: almost upon the fouthermost end of Schoyou must goe about to the Westwards of it.

the larboard fide, and the Hill on the starboard fide, and alongst fore is faid or the Keel, and Newdeepe. When you runne in at the larboard fide, and the Hill on the Itarboard noc, and alongst love is factor the Neel, and Newdeepe. When you runne man a little to the fouthwards off the outermost buye, until you this channell; you must take very good beed of the Banjaerd, come within the Ooster. When that Outdorp and Gorreard which is very steepen you the north side, close tor, there is one in the other, then leave also the forefaid marckes of Relight of the control of the state of the control of the state of the control of the state of the control of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the sta mence come a little without the Oxetayle, that is a point off Schowe, lying out a little to the Westwards of Brewers-haven, faile fo right in untill you bee past the Brewers haven. This Channell off Brewers-haven, is a broad and deepe Channell, very convenient for great flips, he that must turn in or out to Sea, hold Middelborgh aships length by west east-chappells windewards, may runnealongft a good wayes on both fides, as this is yet of the north-Cats, and when you doe fee Sortgeen, well of the outermost as of the second buy, but to the fouth-hold it alwayes a ships-length more southerly then Cats, for wards off them it is deepeft, and the common fareway. The the towers may not come over against each other, without third buye is a buy with a tayle, and lieth upon a point off a comming to close by the Banjart, where of you must have a taile which of from the Ooster, which you may not goe to care, for the for a floud falleth there crossewise over a long the northwards off, untill it were very close alongst by it: all the Banjart, which is a steepe, shallow, and very dangerous alongft by the ftrand of Schowen, it is deepe and fteepe, you Sand.

For ro faile out off the Veergat, you must have a care of the March, there is nothing that can hut you, the fhouldelt off prifon tower, which you may not bring by north the tower this Channell is eighteen or intereste foot, at leaft a league that stands at the head, or elfe you should come to fall upon without the land in the comming in betwixt the Ooster and the Plate which lieth over against the Leverhouse, for before the Hill. Further inwards it is foure, five, fix, and feven, and the Lever-house is it verry narrow, and thereby runnetha

#### The Keel, the Newdeep, the Velt, and the Roompot.

Brwist the land of Goeree and Scowen, by the firrand, and then forth by it, and you fiall find fo in their goe in alfo two channels , the nor-the kell art he fhouldelt, 18 and 19 foor, & comming against the thermoft is called the Kevifien (which is the point of the Hotor, foure and five fiathorn. Betwirt the couly for finall fhips) the fountermost for Edocard the New-fand, which falleth at the call end at former framed. Betwirt them flyth agreed and the most of the fountermost a flower of the fountermost cape off Schower, deep them fand, called the Springer, which flower from the flower cowards the Baniard, for on avoid a Share which leth off from Schower, which so mobile falled the springer.

were Haven, as is flewed in the Card. In this chancell it is is find numes in betwist the Hill and the New-Sand in fixteen, proport the flouddeft too foot deep.

Before the land of Schower theat of the Brewer haven.

Before the land of Schower theat of the Brewer haven channell, lye three banckes, the nouremost, called the Bretten hand, but the standing without the fland, upon which it is fat thom deep, and again within it is fathom deep, and again within it is fathom deep, but the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the standing the

you must goe about to the Wethwards of it.

Upon the welf end off Schowen fland two Capes , bring them one in the other, and name fo right in with them , until length to the forthwards of the forefail four thermout cape of welfacts. Came to the Blenck or Wolfack , that is, a high white famile, the content Sand-hills) then leave the Capes , and runne in by the marcks of the Blenck and Rentife, until that Outor(p) , (a laging the sand the sand of the sand hills) then leave the Capes , and runne in by the marcks of the Blenck and Rentife, until that Outor(p) , (a laging the sand hills) then leave the Capes , and for goes come to the fleeple of Goeree, and fo you shall go in betwite the depth of the sand file, and benefit disk, and have the capes and sighteen bot, and by the strand when the freely end on the Land of Goeree ) come to the fleeple of Goeree, and fo you shall go in betwite the Outer of the lating the sand file, and the fall on the standout of the day and the sandout the sandout file, and the fall on the standout file, and the steeple of the sandout file, and the fall on the standout file, and the steeple of the sandout file, and the stall on the standout wen standeth a Tower alone in the field, with a cape upon it, the fine control and the control and the control and the control and the control and five and five and five and five and five a factor and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and five and

He that will faile into the Veer-gat, comming out of the

at some places ten and eleven fathom, as it is shewed in the Cardby the numbers of Feet, and all at low water.

kreke, through which the streame falleth strong, the ebbe as well as the floud, the ebbe towards Schouwen and the floud towards Walcheren; you must hold alwayes Gortgeen a ships length more foutherly then Cats, then you doe come on the Men may run into Ziericksea through divers Channells, first Tunne, goe so forth from Tunne, to Tunne, till you doe through the Keel, the Newdeep, the Velt, and Roompot. come unto the third and last, you may doe no harme on the For to faile through the Keele, then run in as is before faid of Land off Walcheren; about the Polder lietha little Plate, calthe Channell of Brewershaven first in by the marcks off the led the Scots-man, though there upon lyes a Tunne for a war-Blenck and Remiffe, to long untill that Ter Veer come to the ming; the most depth is by fourth the runne, also with a sharp westermost point of Schowen, called the Hoot, keepe them winde you must have a care off the Roompot, for the floud one in the other, or to the other, and run fo in untill you come goeth very ftrong unto the Roompor, hold it all along close

comes in ear criappen, goethen wen-normwen in sea, this manuferer times received, users a may fattorn, unter other without the Stoneburch, comming out of the Welk, and that is a line difference, but always hard ground, till unto the without the Stoneburch, comming out of the Welk, and that is a line difference, but always hard ground, till unto the you will be into the Vergrat, bring then Domborgh by eath fand Banke, there you hall finde no more then 5 fathon wayou will be also the veergar, using men Lomorgn by early the watch-houle (a Domborgh, for to eleape the Queren), the watch-houle (a Domborgh, for to eleape the Queren), which then upon the land on, it is on the wall clean and deep, and you may muse there fo clock by as you pleafe; the and you may muse there for clock by a you pleafe; the following the watch-fide, fo allows the Splete doth, and eaftwele is the Querens doe lye within the Reuteel, and is with low water fatholding of the Splete. Attained deep, or if you doe come from Flufting out of the Bockille or Fifhere-gat, or the Deurloy, or otherwise out of the Land, when as he thinkes, that he is pult Eaftende, runthe welt, doe not come then so close by the wall, when as you ning close a long the Elemish strand, so neare as you please, the welt, doe not come then so close by the wall, when as you had close a long the Flemilh thrand, so neare as you pleate, does not see the watch-house of Domborg, or make well upon for it is there allover faire ground ill you come before Flexible, the wood of Wethoren, & upon earcheappel. When as you there you fail meet the burst marketh, hold then a flip; or you not feet house the breat marketh begreat the many to the control of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the propert querens and the land, there tunnethy ext aland deepe, but is for if you did you flould under faile the horfe marketh, and very narrow, you must runne fo close by the wall, that the land there fore you must keepe S. Lambrecht fo standing, for here fea doth almost breake on you, it is not fit to runne with comission truch Ript, and it is here reasonable deepe, for with monflips through this place, except it were in time of great bow water it is here at leaft 18 foot water, follow fo your cournecessitie, for these Orierens are very hard.

dreyeth up by litle and litle, yea by an halfe foot at once.

they are reasonable deep, 13 and 14 fathom, and then is Goe past by the downe of Flushing, and that you will loose to the they are realonable deep, 13 and 14 fathom, and then is one path by the downe of Fluthing, and that you will love to the ree fourtheaft and fourtheaft and by eaft from you. Schowen flat, goe then not to close by the Cafants fide, for the Floers upon the wrong fide that is Reinft by eaft the blenke, and the fake, for it is there by north wide and broad enough, you may Cape east from you, and then are you open before the Brewer- also lead as well to the Krakesand. havens gat , and also from the keele unto Ziericksea. Co. ming out of the Sea, and that you doe fall here, you hall meete then the Stonebanke upon 6 fathom, you may be fure thereby that you have Schoowen upon the wrong fide, there by the you have Schoowen upon the wrong fide, there by the you have Schoowen upon the wrong fide, there by the young the wrong fide, there by the young the wrong fide, there by the young the wrong fide, there by the young the wrong fide, there by the young the wrong fide, there by the young the wrong fide the young the wrong the wrong fide, there by the young the wrong fide the young the wrong fide the young the wrong fide the young the wrong fide the young the wrong fide the young the wrong fide the young the wrong fide the young the wrong fide the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the young the yo

tmen 13, 14 and 17 toot water, here is the most drynefle; then in the Windowski of the Mindowski of the Windowski of the Mindowski of the Mindowski of the Windowski of the Wind fall a third part of the floud towards the Land, and afterwards on the northfide of the Cittiehouse, and hold it fo flanding,

you shal find alwayes harde ground, and Ras up Rasse upon 23 and 24 fathom, till you come right against the Raen, the first ftekeground, which you begin to effy, is close by the Raen, Middelborgh on the downe or about halfe way the Sconce and the doune, or a doune or two inward, there you shall finde all

and is all thekeground.

behinde the land; it is there deepe enough, till Middelborgh Brugge in Lifwegen, comming out of the fea, then you comes in east chappell, goe then welt-northwelt in Sea, till fiall meete there Rever, deepe 8 and 9 fathorn, there betwist

He that will take on these lands, must not spare his lead, for Sluys, or within the Casants downes there is Ript very dry, Pre that will take on these lands, mult not pare his sead, for study, or within the Calants downes there is kupt very dry, by the difference of the grounds he shall finde out whereabout and no more as y foot water, there fore bring Middeling hee shall come to fall, althrough he is without the fight of the then by cast Theespoint, and hold that so standing, the Caand.

He of Sluys comming within the downses of Calaut, there are the point of from the Pattland, which is called the Krakethe Male is fortherst and fourthest and by an halfe foot at once.

deverting by little and little, yea by an halfe foot at once. It you doe come to fall before Gorree then you fhall meeter ling out: when as you have Heyft by eaft the hight, then you no Bankes but form over falling, with great raveling, though may very well lead on to the Horse marketh, when as you are

He that will faile into the Wheeling, must bring the tower north doe meete no Bankes, and fomewhat wefterly you shall till you are over Ript; and goe then eathortheast on; Brugmerch doe meete no Bankes, and fomewhat wetterly you finall indicate to be dryer.

Commission of the Sea, and that you come to fall thus:

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Commission of the Sea, and that you come to fall thus the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, and the sea, a meete Broad-Danke, there you mai more not cheer to the to the control water, but there within it is againe a fallom deepe, being Brugge a malt height he water they and wetchip-them water, but thereon within it is againe a fallom deepe, being Brugge a malt height how deepen within the water but the man and the production of the control water but the man and then you this Broad banks left about a male from Stonebanke Seaward, pel on knocke then you have the right depth, and then you The fecond is callerbanke, and it is there 6 and 7 fathom dee are about halfe way in the wheeling, in the right farewater; pe, and doth lie betwirt Broadbanke and Stonebanke, though Seeing Middelborgh, hold then the finallelt Tower a fathom Broadbanke next, and firetchethalong these whole coast, and by fourth the greatest, or Flushing by north the Citrichouse. Within the cape lye, 3 little dounes, when as you have Mid-About an halfe mile within thereon you doe meete StoneAbout an halfe mile within thereon you doe meete Stonebanke you fi all finde there no more then 3 fathom water , and finallelf , hold it then fo flanding untill Soutelande, when as you have Middelborgh in these three little downes, then you You mare a sidecleogin in their three ittre downers, rinen you Comming out of the Sea, and that you doe fall upon weft-chaptel, and that wetchappells is fourhead and foutheat and delbogh may not out on the greatest, or elfe you floadly ealt from you there you that meeter thee forefaid 3 Bankers be to farre beyond the north, and come upon the English by ealt from you, there you had meete these forefaid 3 Bankes; be to farre beyond the north, and come upon the English-first, Broad-banke, which is there deepe 6, 7, and 8 fathom; pol, Flushing may not come on the Cititie-house, or elle you and diversion within it is again 17 and 18 fathom deepe. how there beyond the fourth, and come upon the The 4 Weeden is Oditerbanke, the fame is there 4, and 7 far. Frenchpol, therefore host which come achother, then you then deep, but within there only is ragain 24 and 27 fathom bour day and of Fathing with come achother, then you at-thom deepe, but within there only considerable to the considerable with the standard of the considerable with the standard of the considerable with the standard of the considerable with the standard of the considerable with the standard of the considerable with the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the ocepe, and there you use meete stone bank 1, 10 to the state of Sluys come by eaft S. Lambrecht, then are you free from is not possible to leade thereon, for with one east you have 12 of Sluys come by east S. Lambrecht, then are you free from fathom, and with another cast you have but 2 fathom, some all Sandes, Reeves and dry places. From the French-pol times 13, 14 and 15 foot water, here is the most drynesse; then there stretcheth a Risse off about westnorthwest, thereupon

aft and by north.

When any outcome to fall out of the welf's, fo that BoeyonsWhen any outcome are an Church of another to the Cape, hold that for fandding til you begin to Church flandeth by weft, or on Church of weftchappell, there loofe the fame, have then a care of the markes of Middelborgh, and Flushing forefaid.

#### The Spleete.

For to faile into the Splete, bring Blanckenbergh by well the uttermost gallow-thaerden, and hold it fo standingh well the uttermost gallow-face done over nesegrouss a thi onto the Asia, and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry and Barry

Cape, hold the same so standing, till Flushing comes in till West-chappell comes in Walcheren on the first downe, you Cape, not the same to finding, and ranging inward to a the white wall, you may do no harmer with going inward to a rat their in a good way in the Splete, wards Walcheren, follong as the mill doth not touch Plathing are their in a good way in the Splete, which was the constant of the Splete and that you would bring Blackenbergh on the Gallowhared p-before that Bring comes in Liwegen, then you are to farre into the land, beginned to the splete and that you would faire bee without all oule nelfer or dirt, then you med not to good comes in Liwegen, then you are to farre into the land, because the splete and that you would faire bee without all oule nelfer or dirt, then you need not to good comes in Liwegen, then you are to farre into the land, because of the splete and that you would be the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the splete and the spl and to close by the Ript

pell on the downes, then are you about halfe-way in the Castle of Sluys comes on the feet-land of Flandres, and is on

by well the utmoft Gallow shaerden, then you are also about the runnes the Ebbe a long time Southward, so that you right midft or halfe-way in the Splete, and this is your best marke, floud goeth not above 4 houres right; therefore you must and is alfo your next croffe marke that you have.

#### The Deurloy.

Botwixt the Raffen , and the dry Raen goeth the Deurloy elfe. in , upon the Raffen stands no more then 3 or 4 foot water, and is very farre flat and hard ground, and the drye Raen falles wel 4 foote drye above water and is on the north-fide fo fteepe, that the fame is not possible to leade. When the Cattle then are you open before the Bot Kille, or when as you have of Sluys comes in the east downes of Cafant, then you may west chappell the length of a wind-beam by north the mill, come there upon, Forto faile in the Deurloy, you mult have then you may with a Shipp, which goeth 12 or 13 foot deep, a care, that when as the Caftle of Sluys it ands in the Cafants hold on upon the land with low water; you doe runne then Downes, then you are upon the drye Raen, but when the follower the Taile of the norther Raffen, but you come with a Downes, then you are upon the days each, put when the or over the part of the days and the days are daid. Callet fands by well the days downess the part of the days lead to the days are deep going Shipp in the right depth, hold the lade changing the days and when the Callet of Shay be gui a joint mill one over against another. For to faile into the 80-free from the call downes of Calant then you are in agood. Kill, being Boyers (but he allow the Well the mill, it is a fail to the state of the days of Calant then you are in agood. way in the Deurloy; when as the Cattle of Sluys standeth short Leet or verlact, and a short marke; you may bring Boa little by well the downes, of Cafant, then you may freely | yens-Church well about halfe way the Sconce and the mil, but hold thereupon with a northerly winde, when you doe not fall Bayons-Church in the mill there have you the deepest wato high by tharpe winde, and run to through on the northfide ter, but then are you also close by Calo, Boyens-Church being of the Sloe, till Welt Chappell comes on the first downe, then you are in a good way in the Splete. For to faile into Deurloy is a fteep hard Sand, and you cannot lead thereon, Comcomming out of the welt, hold West-chappell betweet the ming into the mouth, hold Finshing by north Theespoint, mill, and the Sconce about halfe way or the midit by north because you should not come to close by the little Bench, the Soutland till the Caftle of Sluys comes by east the east called the Geer; goe close along behind the land, it is there downes of Cafant or S. Anne from by west out the Cafants- deepe enough, before the Bot-Kille is 24 and 25 fathorn hard downes, for to runne fo by north the drye Raen, till Weltchap- ground, Rafs op Raefs, and it dryes up by 3 and 4 fathom, till pel come in the first downe, hold then eastfoutheast on, right you come upon 8 and 9 fathom, there you have clayground

ding till Welt-chappel comes about halfe-way of the mill, and floud, and when the moone is fouth and by welt, then goeth the Sconce, goeth then northwest out of the Deurloy, You the floud first right in Sea. may also have a case upon this following: When as the tower of Flushing doth touch the wings of the mill, then you are to close by the Raffen, so much at the tower of Flushing is free

harme if you have a care of the dry Raen, which must not one- the norther and the easterly Raffen, then marke thereofisly be done by the lead, but also by the dividing of the floud, for East-chappell in west-chappell, there you may come also the streame doth easily misleade.

comming out of the fea when as you have Middelborgh in off the anckor or spill something of it, they must have a care comming out of the fea wheat you have studenedery in in our interfaction into the which (with various water) is are then in an open Channell from thefe Sloeweit is a very not leffer the 4 fathors water; jeeke the Reuterel on, and good marke, both for the Sloewe and the Deutley by a very in other fear the 4 fathors water; jeeke the Reuterel on, and good marke, both for the Sloewe and the Deutley by a very in other fear the 4 fathors water; jeeke the Reuterel on, and the streake of the Reuterel; in the properties of the streake of the Reuterel; in the properties of the streake of the Reuterel; in the properties of the Reuterel in the properties of the Reuterel in the properties of the Reuterel in the properties of the Reuterel in the properties of the Reuterel in the properties of the Reuterel in the properties of the Reuterel in the properties of the Reuterel in the properties of the Reuterel in the properties of the Reuterel in the properties of the Reuterel in the properties of the Reuterel in the properties of the Reuterel in the properties of the Reuterel in the properties of the Reuterel in the properties of the Reuterel in the properties of the Reuterel in the properties of the Reuterel in the properties of the Reuterel in the properties of the Reuterel in the properties of the Reuterel in the properties of the Reuterel in the properties of the Reuterel in the properties of the Reuterel in the Reuterel in the Reuterel in the Reuterel in the Reuterel in the Reuterel in the Reuterel in the Reuterel in the Reuterel in the Reuterel in the Reuterel in the Reuterel in the Reuterel in the Reuterel in the Reuterel in the Reuterel in the Reuterel in the Reuterel in the Reuterel in the Reuterel in the Reuterel in the Reuterel in the Reuterel in the Reuterel in the Reuterel in the Reuterel in the Reuterel in the Reuterel in the Reuterel in the Reuterel in the Reuterel in the Reuterel in the Reuterel in the Reuterel in the Reuterel in the Reuterel in the Reuterel in the Reuterel in the Reuterel in the Reuterel in the and that you doe fall below at the Deurloy, for to runneby as you have the Dounes of Domborgh fouth from you, or well the dry Racu, through the forefaid Sloewe, bring then the Roggenbread fouth and by well from you, bud hold at the Caltle of Sluys about halfe way in the channell of Sluys close a long by the land, fo neare by as you please, because there you find indoe with low water, no left then 22 foot youthould not come to clote by the Banjart, and goe foo water, for to catch this chamell or hole from without, Fing forthupon the lead into the Vergat, all along clote by the Banjart and the low the low water, to the catch this chamell or hole from without, Fing forthupon the lead into the Vergat, all along clote by the Banjart and the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the low the lo

west-chappel on the first downes, or Middelborg over the markes doe gree just one with another, hold this fo flanding,

the Castle of Sluysor on feerfand of Casantsdownes, you Blanckenbergh on the Gallow-shaerden and West-Chap- may not well come there, and (againe to the west) till the both fides flat, upon hard going ground. In these west-Brugge in Lifwegen and Blackenbergh an halfe ships length holes, viz: the Inward-wheeling, Wheeling and the Splete, have a good care of thefethings. In the forefaid west-holes maketh a foutheast moone a fore-floud; that water which you have not got with a fouth moone; you shall not get is

#### Bet Kille.

When as you have the Cape even free from the downes, folong till you are by the Raen. Before the Fishershole have For to faile from Flushing out of the Deurloy hold the to-wer in the white wall, till the Castle of Sluys comes within a

this length on the east-downes of Casar; hold that so stan-

For to faile into the Fifters gat, bring Boven-Church on of the mill, fo farre are you free of Raffen, till Westchappel the east-end of the new Dike, you are then in the right deepe; isfree of the Downes, goe then westnorthwest in Sea, you may bring west-chappell in the east-end of the new Dike, when as the forefard wing of the mill is even free from the to- but you may come then no more northerly. For to be free of wer of Flushing; there you have with low water not leffer the Querens, Boyens-church may not come on the countreythen 22 force hard ground.

Then 22 force hard ground.

Fring Weht-Chappell about halfe-way the Sconce and the locators for country to the scont of the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the country to the coun I till og ander still i till og ander still i till og at still i till og at still i till og at still i till og at still i till og at still i till og at still i till og at still i till og at still i till og at still i till og at still i till og at still og at still i till og at still og at sti downe, goe then right on upon Flufthing, there have you the to goe right in Sea, then is in the Fifthers-hole a fore-floud, deepeft water. By darke fight feeke freely to kome on the this Gacor Hole is wide and floord, and deep all along the Raffen which are farre flat, as also the Geer, & hold alwayes land till unto Flushing. If you were failed into the Fushershoone fide, the dry Raen is also on all fides flat, except there whe- le or the Botkille, and did geth an casterly winde, runne reof we before have made mention, fo that you can doe no then unto the Sloewe, which runneth through betwixt upon the lead till in the Deurloy, for to loofe alsoo up unto Flushing, here in this Sloewe is not leffer ( with very low water) then 12 foote water. If fome doe lye be-Betwixt the Raenand the dry place goeth the Sloewein, fore anckor under Stone-bench, and that they must chap

7. Bruggelingen are two high freepe Towers, which doe in 16 fathom. lyeinto the land thereupon followeth the Sconce of Blancken-

8. Is Wendoune; a thicke blunt Tower, without a Cape right contrary all former descriptions of the Sea-bookes.

Define Brewert-breen, a Con. and p.n.e. moone maketh high water.

In the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel of the Channel

the point: If you finde to be good to chap off your ancher, they then folong (if you can) till the flood gooth right; they forward Recered gives you a Warrant to have a care of the forward Recered gives you a Warrant to have a care of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content of the Content

### Courfes and Distances.

From Flushing to Blanckenbrough nearest wellfouthwest 9 larguest From Slushest wought to Oslend feathwest and by well 9 larguest From Slushing to the north for blanckey foundwish to toolsterly 2 leggest From the Wissings to Drowt well down to be the state of the State of the Wissings to Drowt well down to be the State of the Wissings to Drowt well down to be the State of the Wissings to Larguest and State of Tamouth with the State of the Wissings to Larguest and State of Tamouth with the State of Tamouth and Tamouth with the State of Tamouth with the State of Tamouth and Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with the State of Tamouth with

## How these Lands doe show them selves at Sea.

Brewers-haven Thus sheweth the Coast of Flanders from Blanckenbroug castwards, The land of Schowen shewet it felfe thus when it is 3 or 4 leagues thwart from you. when you fayle in or out at the VVielings. Blenck or VVolfack. Fire beaken E. S. E. from you. Vifnamengen fandhill, Laweft fand. VVhen you are before the channell of Brewers haven , the land of Schowen sheweth it felfe thus. Sonburgh Souteland, Middleburgh.

## The third demonstration,

Thus sheweth VValcheren when you are in the Doorley, or before the Splete.

Which unfoldeth,

The Coast off Flanders, from Wendowne to the Heads about Tresport, together which the Coast off England, the Promentory of Dover , and from Dover to Fierley.

of theftreames, firetcher against the Sunne for to turne, but and 2 a halfe fathom. from thence Westvvard you shall finde no moore turningh

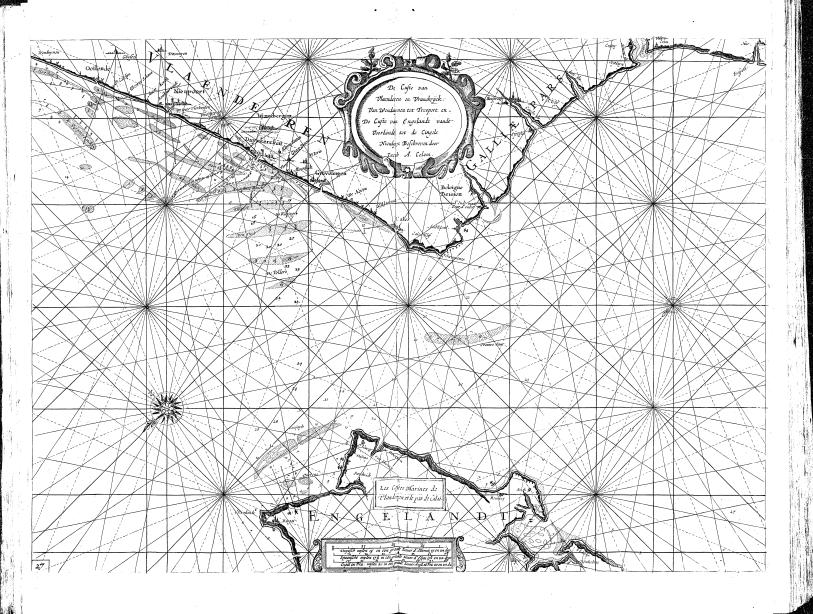
Calis, are called the Flemmilh banckes, whereof the first is the thom water, and upon some places: 2 a halte lathoum, there by Sand, being very hard fand, from the Horse-marketh upon West, and right under New-port, Jyeth the Strooms off two Strooms. And there fastions: 2; fathous till you are past Cost-ende, there is fouthward, 2; fathous till you are past Cost-ende, there is fouthward, betwith the land and the Bancke-4, and 4; and 7 fathom wear whereof you must take good care. Betwitt Dunkerck and betwist the land and the Bancke-4, and 4; and 7 fathom wear whereof you must take good care. Betwitt Dunkerck and betwist the land and the Bancke-1, and the Bancke strong the strong water and the Bancke strong the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through the strong through th

Erwist Wendoune and eaft ende lytch alfoa little fleepe Tower, called Ian Davater; about a league and a halfe, thwart from Oollende liet
vide little Tower.
Afterwards followeth the Towne off
Afterwards followeth the Tower of
Eaft-end, and hatha little fleepe tower.
When Blanckenepeph is c.f. c. from one of the Eaft end of the towne
from thence E. ward begins your running
be fleagues, first-fect eagaint the Sume for to varies, towned by the Eagles, and the land lye also two little plates of 3

Before Oftend begins a Bancke, which firetcheth a long the

Coast till before the Haven of Newpoort, thereupon is 2 and 2 a halfe fathom yvater, between the land and the Bancke is it

All the Sands which doe lye betwint the hole of Slafe and Though the Sands which doe lye betwint the hole of Slafe and Though the Sands which does be the Beane-land of 2 fa-Beaneland of 2 fa-Beaneland of 2 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-Beaneland of 3 fa-B Calls, are called the Flemmish banckes, whereof the first is the



banke, and is of three hookes, listh next the Brothers and the which lieth upon the Ratel-Banke, whereupon is but 4 and 4 Cloitter at the Downes and very close by the land, stretcheth, a halfe foot water. off from the wall, about westnorthwest a league in Sea, you The south Banke is called the Ratel banke, lieth from Ca-

Flanders, within through the Bankes.

thers Banke, the fame is 3 fathom deepe, on feveral places of unto the Dike. 2 and 1 fathom; you may make Road betwitt the land and By eaft the Ratel-banke, to wit, betwitthe fame and the these Banke upon 7 and 8 fathom for all windes.

runne then against the Killen, or on the norther Cams, there row, is throughout of 14 unto 16 fathom water. is fathom water, as also on severall places not so much, and a In all these channels you may faile up and downe, betwixt a Bight from the norther Cams, till you are close on the Splin twixt the Bankes where you please. ter before Dunkerke; fo that you runne so much welt as by east, thereupon is 1. 1 and 1 fathom water, but upon the the Dike and the Ratelbanke, without hindrance on the Polwest end is it deeper, so that with low water there is three and der.

The brake four fathom; depth within the Brake is it tenne and eleven fa-

it is wide and broad, there is 8 and 9 fathom depth.

bancke. hathon the east-fide an hooke, and ftrethcheth almost rill you 10, 9, 7, and 6 fathom, upon the taile is it from 2 unto 2 ter, betwixt the Smal-bank and the Stone-banke is 8 and 9 and no more then 4 and 3 foot water. 7 fathom water, and is reasonable broad betwixt both.

midft 2 fathom, and upon the Taile 6 fathom deepe, in the The Splinter floores off betwixt the wodden Wambus and little fmal- little Smal banke, thereupon is but 3 foot water, betwixt Sto- fo forth in Wilbert and, unto the Broad Banke, you can come bancke. nebanke and Cal-banke is it very roome, you have there 10.9, through the Splinter on feverall places, which you may reade 8, and againe 7 fathom water, firetcheth with the east-taile un- in the Description thereof.

Trop-zeel, to the utmost Banke, Cloave betwink both is called Trop-zeel,

By weit the haven of Grevelinge lieth a Banke or flatnesse which is the right fare water to runne beyond through betwint along the wall, and stretcheth a great deale off from the land 10.9.7.6 and upon 5 fathom deepe.

By north the Calbanke lieth also a great Banke of 8. 9. and please. To fathom, whereupon doe lay some Rasses off 5 and 6 fathom The haven of Calis falleth with all Ebbes very drye, and

Market of then are you next the west end of the Bankes, and when New-runne so close by the Easterhead in, and leave the Castle on through, each of a fundry depth.

The Cliffe called the Cliffe, is at the dryeft place about 8 foote deep, by runne thereupn in. It is not good to runne into this hole before of 20 and 23 fathom deep.

northealt, and from Calis Cliffe northealt and by nort, about Thwart from the welterhead of Calis lietha Banke of 2 3 leagues, and it is there 5 or 6 fathom deep, upon the fouth fathom you may run through betwire the head or Meyend lieth a Polder thereupon is but r ; fathom water, when land and the Jame Banke upon three fathom with halfe floud great Cassell comes over against Mardike, then you need not the Banke is off two fathom depth. You may set it under Cato be afraid of the Ruyting, but Mardike mult not come more lis Cliffe, on the eaftend, upon 10 fathom, but on the west wefferly, otherwise should you saile upon the afore aid Polder end lieth a Stone or Rocke under water, a little Canon-shot betwixt thefe and the third goeth a Channell through, of 18 from the land: Calis Cliffe lieth betwixt Calis and Swarte-

The third Banke is called the Dike, lie from Callis Cliffe northeast 1 league, is upon the north end 4 and 5 fathom deep, but upon the fouth end 5.7. and 8 fathom, upon this Banke lieth alfo a Polder on the fouth-end, but of one fathom depth, Wynoxbergen just by east the great Cattle, you fomewhat nearer the French fide then the English lieth a runne then right upon the Polder, these Baukes are very dan narrow bancke of four eleagues long, Jying about N.N.E. and gerous, for the Ruyting, lieth almost in the farewater, be- fourthfourthwest alongst the land off Blacknesse, being called gerous, for the Evoluting, there are the received to the Vaen, and by the Dutchmen called Vrow-fand, off 1 and a is first by north 12 fathom, and begins further beyond the half 2.3.4.5.6.7.8.8.6 fathom depth, 8 runner by the feather than 12 fathom. fouth to be 9, 7, fathom, but is formewhat dangerous to runne | wards toward; the land of Bulleyn. Weft and by fouth from through, for you have the Dike north, a little beyond the | Callice cliffe, and fouth and fouth and by eaff from Dover, is Rateling, fouth you have the Rateling, is at the highest nine fathom, the shouldest of it, at low waternot deeper then sixteene or seand runnerh upon 4 fathom, and fometimes leffe, and fome-venteene foot. On both fides of this banck, as well along to

may runne through betwixt the Brothers banke and the land lis Cliffe northeaft, and northeaft formewhat eafterly 3 a halfe

upon 4 and 5 fathom with low water, but you runne there league, is deepe 3.4. 5 and 6 fathom, upon the fourth-end lieth commonely round about westwards, when as you faile along also a dry Polder, of 4 or 5 foot water, with Springstream fall those Polders drye, betwixt the Rater and the Dike have you The second is the Cams, which doth lie by west the Bro- the Rateling of four, five, seven and nine fathom, and runnes

Broad banke, goeth alfo a Channell through, the end is wide If you doe runne by north the Cams beyond the west, you and broad, and on the west end runnes it reasonable smal or nat-

little by west there you have the Brake, which stretcheth in the forelaid Bankes, from the one in the other, and sett be-

thom deepe, there runnes a Cloave through of 12 or 10 foote eaft and by eaft fomewhat eafterly, is upon the fouthend 4, 5, ke 6, 7, and s fathom , hath on the east fide a great corner , shoo By north the Cams and by east the norther Cams, lieth the teth with the northerly wind beyond the stonebanke, almost Small Banke of 2 and 3 fathom water, but upon the Tailes is it unto Calbanke, and is upon the caft end of 4 unto 3 and 2 a above 4 fathom deepe, betweet the Small Banke and the Cams halfe and 2 and 1 a halfe fathom, the fouther taile of the corner runneth close unto stonebanke, not withstanding there is By north the Small Banke lieth the Stone Banke; which a good passage, (for to runne through with shipps) of 12, 11.

are past New-port, is on the west fide three and four sathom, a halfe and a fathom, Small Sinten a litle by west the great and upon the foutherly Taile of the hooke on the eaft-fide 3 Caftle, you fould runne there right in the middle upon a Polfathon, on the norther Taile of the hooke I fathom deepe, der which lieth upon the Broad-banke, and is almost a leagues on the north-fide liet a Raffe in the Itone banke of 3 foot was lengt, also be that is upon the Ratel banke, hath through out

Betwixt the Beacons and the Broad banke, is it wide and Calbanke lyeth by north the Stonebanke, and is in the broad, and 14, 12, 10, 9, 8, and 7 fathom deepe.

midlt of the Cal-banke lieth a little Banke, which is called the Haven of Dunkerke from the Flemmith Coaft, and runnes

Beaneland and Stream, there in the fare-water is it 12, 11 leaward, till close by Calis, called the Newland, you may runne thereby along or over upon 5, 4, and 3 fathom, fo as you

with high water, upon a dayly Ebbe, is there not leffe then 3 There doe lie also flong Bankes, along Flandres, to wit, fathom water. For to faile therein, keep the mill ( flanding when Grevelingen, is fouth and fouth and by east from you, on the east fide of the townel right over the easter Head, and port is cast and by fourth from you, then are you next the east-the west side from you, from the Westerhead runneth a little end, they are very long, betwixt every one goeth a Channell Riffe, off therefore you must have a care thereof. Comming within the Westerhead, you must turne up westwards, till you About 4 leagues north and by eaft, and northnortheaft from come in the Kuype, where you may fit drye with low water. Calis, and N. N. E. from Calis Cliffe lieth the utmost Banke, In the night, when it is Ebbe stand two fire beakons, you may north off from the Cliffe, towards the Sea , is it 2 3 and 24 fa- re the highest water , because of the strong streame , which thom deepe, upon the fourth fide, towards Ruiting, runneth runnets therein with the floud, for you must have a care off a Chappell through, called the Polder, and is wide and broad, the anckors of the flips which lie there within. It is there The fector is called the Ruyting, lieth from Calis northwith dangerous and bad to lie, effectially with a norther
with dangerous and bad to lie, effectially with a norther
with dangerous and bad to lie, effectially with a norther
with dangerous and bad to lie, effectially with a norther

peffe.

#### The coast of Engeland from Dover to the north Forland.

what further beyond the fourth, you come one against a Polder, the eastwards as to the weltwards off it, it is 20, 22, 23, and

is the best road, and cleane ground. For to saile into the then you may boldly run to the north Forland and anckor be-

Goodding Berwire Goodding and the Valley in che land off the north Forband, called Runglage like two flowlds, whereof the wefter- farbon at halfe flood. most is called the Quernes, and the eastermost the Brakes.

you mult goe on north and by eath fo long untill that the mill nest it is at halfe flood two fathom deepe. The Quernes are upon the north Forland come to the well fide off the Valley lately growne much leffe, and shifted, so that the north end of third white Chalckhill to the Northwards off the fouth For- gue to the fouthwards of the Neffe, the land falleth fomeland, that is a direct long marke; for to fayle through betwire what in with a faire fandy Baye. In this Baye lieth a Fisher the Brakes and Godding, as well when you come from the village on the coall, thwart off it in the fandy Baye is a very Northwards as from the Southwards.

gat, you shall be to the fouthwards of the Brakes.

the cliffe off the fouth Forland lie fouthfouthwest from you Quernes, then the Quernes lie north and by eaft from you, and the N. end off Goodding N. E. from you.

The north end off Goodding, and the point off the north Forland lie foutheast and by east and N.W. and by W. a league

and a halfe afunder. Forto fayl For to come from the northwards into the Downes between detha Churchupon the high land of the fouth Forland, to from the fouth point lieth off a little rife or front de fouth point lieth off a little rife or front de fouth point lieth off a little rife or front de fouth point lieth off a little rife or front de fouth point lieth off a little rife or front de fouth point lieth off a little rife or front de fouth point lieth off a little rife or front de fouth point lieth off a little rife or front de fouth point lieth off a little rife or front de fouth point lieth off a little rife or front de fouth point lieth off a little rife or front de fouth point lieth off a little rife or front de fouth point lieth off a little rife or front de fouth point lieth off a little rife or front de fouth point lieth off a little rife or front de fouth point lieth off a little rife or front de fouth point lieth off a little rife or front de fouth point lieth off a little rife or front de fouth point lieth off a little rife or front de fouth point lieth off a little rife or front de fouth point lieth off a little rife or front de fouth point lieth off a little rife or front de fouth point lieth off a little rife or front de fouth point lieth off a little rife or front de fouth point lieth off a little rife or front de fouth point lieth off a little rife or front de fouth point lieth off a little rife or front de fouth point lieth off a little rife or front de fouth point lieth off a little rife or front de fouth point lieth off a little rife or front de fouth point lieth off a little rife or front de fouth point lieth off a little rife or front de fouth point lieth off a little rife or front de fouth point lieth off a little rife or front de fouth point lieth off a little rife or front de fouth point lieth off a little rife or front de fouth point lieth off a little rife or front de fouth point lieth off a little rife or front de fouth point lieth off a little rife or front de fouth point lieth off a little rife or front de fouth point lieth off a little rife or front de fouth Quener fomewhat great of body, and there are three Caliles upon the lyeth at the north point, and hath been there lately to the eaftwards then that the forefaid Church come within water along the forefaid Head, which is made at the north them never, or together, then you floadd run upon the bra-ke, and being eaft about, run not further over the well-wards then that the forefaid Church cone within two flipse length of the Rivers, Cauche and Auty, upon the first he fallaples & of the three, for if you flouid bring them accree, or together, Monfree , there you mait not in and channell at the lighth of the three, for if you flould bring them necree, or together, in Monttree, there you man goe manus canners are migrate you flould run upon the Quernes, and the femankes will ferve to turne to windwards through betwirk the Brakes and Quernes either from the northwards or the fourhwards. When may faile into the Somme, through two channell, from Forto fail Quernes either from the northwards or the fourhwards. When may faile into the Somme, through two channell, from Forto fail Quernes either from the northwards or the fourhwards. When may faile into the Earl Downe, leth-off a fand thwart months the channel for the source of the control of the source of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the co

markes off this taile off fand are these: up within the land, a within dofhit so often, that they are not to be described for allitle to the fouthwards off Ramfgate, fland 3 or 4 high trees to the fouther the frees doe come right over the fouther.

For to faile into the wefter channell, comming from the personal forms of the fourther than the forms of the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than the fourther than th

north Forland, you must keep the point to the weltwards of

24 fathom deepe. Men may ancker before Dover for a north Dover without the fouth Forland, and goe on northeast unand northwest wind, right against the Castle, in tenne fathom, till that the north Fortland northwest and by west from you, is the petr road, and crease ground. For to take minor the fuel yourney open young turn of the mind think it belt. Downes from the fourthwards you must run about by the fourth Forland, within two ables length alongst by the land, and antiform the mind the mind the fuel was the fuel was to the freeple, where the mill flandethby, is the belt road. Or when the point of the north Forland lieth fourthwart of the middlemost Calle in 7, or 8 fathom. And the fourthermost point off Goodding, and the fourth Form the point of the north Fordand lieth fourthermost point off Goodding, and the fourth Form the point of the north Fordand lieth fourther and fourtheest and by fourth from you, there is also good riding in eight or nine fathome. Betwitt Margate and

Betwixt the Querens and north Forland men may also run For to falle from Dover (through within the Goodding, the Sandwist, there mus of a little Stonebanck from Fernisch Herbits (Forebanck from Fernisch Herbits) (the Herbits of Herbits) (the Herbits of Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the Herbits) (the

Northwards as from the Southwards.

For to failethough within the Goodding from the norththom, according as you will lye farre from the floare. For wards, you must not kome nearer the Brakes then in feven fa- to anchor there, you must bring the steeple of the village thom, and fet the fouth Forland fouthfouthweft from you, over the middelt of the houfes. This place is callled S. Iohus S. Iohus and faile then for right with it, and then you shall runne alongst | road. A little to the northwards of that fore faid Fisher willa, Roade, the best deepe. When that the flat steeple upon the North | gc, stands a mill with some houses, from thence to the north-Forland thanked in a Ramigator the Valley, then you find the wards you may not anked, for there the ground is fowle and thouse the Walley, then you find the wards you may not anked, for there the ground is fowle and thousand of the Bakes, and when the mill commeth in Ramiford the Roader towards the River of the Roader towards the River of the Roader towards the River of the Roader towards the River of the Roader towards the River of the Roader towards the River of the Roader towards the River of the Roader towards the River of the Roader towards the River of the Roader towards the River of the Roader towards the River of the Roader towards the River of the Roader towards the River of the Roader towards the River of the Roader towards the River of the Roader towards the River of the Roader towards the River of the Roader towards the River of the Roader towards the River of the Roader towards the River of the Roader towards the River of the Roader towards the River of the Roader towards the River of the Roader towards the River of the Roader towards the River of the Roader towards the River of the Roader towards the River of the Roader towards the River of the Roader towards the River of the Roader towards the River of the Roader towards the River of the Roader towards the River of the Roader towards the River of the Roader towards the River of the Roader towards the River of the River of the River of the River of the River of the River of the River of the River of the River of the River of the River of the River of the River of the River of the River of the River of the River of the River of the River of the River of the River of the River of the River of the River of the River of the River of the River of the River of the River of the River of the River of the River of the River of the River of the River of the River of the River of the River of the River of the River of the River of the River of the River of the River of the River of the River of the River of the River of the River of the River of the River of Bullen, lye also some little rockes along th the coast, which you

it, you shall be to the fouthwards of the brakes.

When you lie in the Downes, and that the inner point off multiple of the point off multiple of the point of the five off Bullen Randetha Tour Legislation of the State of Bullen Randetha Tour Upon the north point of the River of Bullen Randetha Tour Upon the north point of the River of Bullen Randetha Tour Upon the north point of the River of Bullen Randetha Tour Upon the north point of the River of Bullen Randetha Tour Upon the north point of the River of Bullen Randetha Tour Upon the north point of the River of Bullen Randetha Tour Upon the north point of the River of Bullen Randetha Tour Upon the north point of the River of Bullen Randetha Tour Upon the north point of the River of Bullen Randetha Tour Upon the north point of the River of Bullen Randetha Tour Upon the north point of the River of Bullen Randetha Tour Upon the north point of the River of Bullen Randetha Tour Upon the north point of the River of Bullen Randetha Tour Upon the north point of the River of Bullen Randetha Tour Upon the north point of the River of Bullen Randetha Tour Upon the north point of the River of Bullen Randetha Tour Upon the north point of the River of Bullen Randetha Tour Upon the north point of the River of Bullen Randetha Tour Upon the north point of the River of Bullen Randetha Tour Upon the north point of the River of Bullen Randetha Tour Upon the north point of the River of Bullen Randetha Tour Upon the north point of the River of Bullen Randetha Tour Upon the north point of the River of Bullen Randetha Tour Upon the north point of the River of Bullen Randetha Tour Upon the North Point of the River of Bullen Randetha Tour Upon the North Point of the River of Bullen Randetha Tour Upon the North Point of the River of Bullen Randetha Tour Upon the North Point of the River of Bullen Randetha Tour Upon the North Point of the River of Bullen Randetha Tour Upon the North Point of the River of Bullen Randetha Tour Opin the North Point of the River of Bullen Randetha Tour Upon t English mile to the northwards of this Towne, a litle mile Suncken from the shore lieth a litle suncken rock under water, where a rock. Huye or Smack may not goe over.

Upon the fouth point of the River of Bullen standeth a sto-bullen, through betwixt the Brakes and the quernes: there (tan- ne wall, and upon it a great Beakon of a mash, thwart off it the northwards off it, which is a flat fleeple, and the church multiflum, and run close aboard along ft by the Flead, which frand off the Downes, you must bring the foreshild Church made. When you are come within this Head, you must prewith the flat fleeple right in the middelt betwirt the two fou- fently let fall your auckor and ride there; It is a tyde-haven, thermost Castles, and then you are in the fareway in the mid-course lieth through S. S. W. If the winde bee southerly, that in two fathom, and from the northwards in three fathom but you must turne to windwards through, runne not further over it is now to the fourthwards deeper through the fourting of the

The Brake is fleep, being, fathom close alongst by the fide | before the channell; to the wellwards off that riffe lyeth allo of it, and in the middle of the channel is but 15 foot at low wa- an other great banck, between them goeth in Eafter channell. ter, fo that it is deeper by this fide of the Brake, then in the For to faile in there, bring S. Valery a cables length to the middle of the channel. As you turn to winwards, and run over Westwards of the west point of the river, called the Oordell, to the eaflwards towards the Brake, as foon as you muit call & run in thereupon, until you come to the land and that foreabout, or els you fhould be againft the Brake: the Querne is faid well point, or from thence close along they it, or as foon as Hat, but neverthelelle as soone as you finde it showleder (in running over 10 the well wards the Querne ) then 15 foote, you have the mind over 10 the well wards the Querne ) then 15 foote, you have the market of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuation of the continuat flat, but nevertheleffe as foone as you finde it flow/der (in run- you get againe deeper water over the banck, then up call-

molt end off the cliffe that lieth alfo a little to the fouthwards eaft or the north, you must run along by the bankes in fix or into the more used in the time that neth amountments the fourthwards call for the north, you must run along by the bankes in hx or insole off Ramigar, then you are thwart off this forefald tayle off [even fathon, and not nerr, they are to fleepe, that a flippy channel.]

For the manner of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the p roome to turne to windwards, and may run further over to the literu hath three fathom. Comming towards the land at the end of the bankes, you shall finde a buye. Or els if you come For to faile from Dover without the Goodding to the from the welt, and bring Grotoyea cables length within the

Ordell, and faile for right in , you shall finde the forestaid out. Head, but a fabourd in the offing northors than 1.8.5. E. moses make it termoit buye. Belides this, there lye three other buyes, when containing the content buyes are the store of that forefaid buye on the point of the Operall is the quarter sales. no high, and before the former, the flood failth third content to the content of the buyes of the content of the buyes of the content of the buyes of the content of the buyes of the content of the buyes of the content of the buyes of the content of the buyes of the buyes of the content of the buyes of the content of the buyes of the content of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the buyes of the b fourth, and the innermoft : you must leave them all on the star-and by west, board fide towards the land, and runne alongst by them to the northwards off them.

kes and dands with eight in territoria. The wards lieth Abbeville.

The ward of het Sheep in the first of into the fea flowld in the ward of het Sheep in the ward of het Sheep in the ward of het Sheep in the ward of het Sheep in the ward of het Sheep in the ward of het Sheep in the ward of het Sheep in the ward of het Sheep in the ward of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in the wards of het Sheep in th Somme.

#### Of the tydes and courfes of the Streams.

Alongst the coast of Flanders on the land, a fouth and north moone maketh In the fareway without the Flemish banckes in the fea, a S. VV. moone ma-

The control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the co

land after wards no thnortheaft.

Betwixt Blackneffe and Bulleyn , the flood falleth north and by east by t

of the Dephts.

Somme, it is there deepe 8 and 9 fathom.

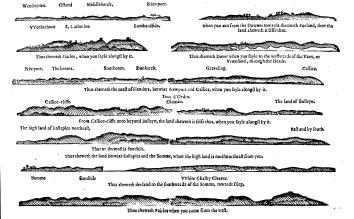
Vpon the land off Somme towards Diep, fland many sharp towers, and fome milles and trees, and hath all along it the coaft a fandy flrand.

#### Courses and Distances. From blanckenbrough to Oftend fouthwell and by well - 1 leagues

|      | From Newport to Dunkerck weitfouthwest.                        | 5 leagues   |
|------|----------------------------------------------------------------|-------------|
|      | From Bunckerck to Graveling weitfouthweft.                     | 5 leagues   |
|      | F: om Gravelingen to Callice westfouthwest                     | 4 leagues   |
| ds   | From Callice to Callice cliffe touthweit and by weft           | A leagues   |
| ut   | From the Heades of Callice and Dover the Rifle of Intland r    | orthnorth   |
|      | caft                                                           | to leagues  |
| v    | From Callice-Cliffe to the Naze in Norway, northeaft and by N. |             |
| y    | From Callice-cliffe to blackneffe fouthwelt one gr             | eat leagnes |
| ,    | From blackneffe to the Oldman, fouth                           | 2 leagues   |
| ŧ. 1 | From blacknelle to Somme fouth                                 | 9 leagues   |
| "    | From the Somme to Tresport wellfouthwell                       | z leagues   |
| 1-   |                                                                |             |
| •    | Heights.                                                       |             |
|      |                                                                |             |

| dy<br>2y | From Califice-cliffe to the Naze in Norway, norment and by N. 253 leagues From Califice-cliffe to blackmelfe fourthweft one great leagues From blackneffe to Somme fouth    California   California   California |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          | From the Somme to Tresport wellfouthwest 7 leagues                                                                                                                                                               |
| d-<br>he | Heights.                                                                                                                                                                                                         |
| - 4      | The Heads and Dover lyein 52 degr. 12 min. The formme lyeth in 52 degr. 18 min.                                                                                                                                  |

#### How these Lands doe show themselves at Sea.



## The First part of the Firse Columne, THE SECOND BOOKE,

Of the

# WESTERN NAVIGATION

The description of the Zea-Coasts of the France from Tresport to the Roscom, and the coast of England, from Vierleywellward, to Englands end, the Chamilles Brillew, and with all the Sea-coasts of Ireland.

## The first demonstration,

Wherein are fet forth the Coast off France, from Tresport to Roscou.

not more the 3 tathom and a naite water, incre come out airse ways Fliors to bring flips in.

S. viley. From Diepe Os Saint Valery in Caux, it is welf fouthwelt to four leagues, that is allo a yeld haven, where you must goe in with high water, it is a narrow channell, where you goe in between to the Heads, there is neither fand nor banck before it that can hurt you: being come in you may be tyour additionable to the flower of the flowed is pent, then you may be the fall, and make you fall with a cable on the flower. Hee that has between the many many the many come the cable on the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the fl

then a fathom water. At the ealt fide of the lawens mouth well to be done without a Pilot, you must goe with the tyde lieth a banke or plate, men may with finall hipper fide in through between tread the land, and they for the fide of the plate of the p Answer, and then the common amounts measured arrows cause move enough to doe to hold altips: For that and other art file off you, and at halfe flood you flush have in the flat measurement. A lation water, being come in before the townships of the common that the common state of the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the common that the com ne, you may anckor there by the Wester shoare in three fa-

weit, 2 leagues and a halfe.

For to fail lot to bring you into the haven.

Rom the Oldman to Diep, the courfe is fouthfouthwelt if outh fide of the river come unto the point of Seynhead, then mine in with it, untill the land to the weltwards of Newhaven and by welk eight or nine leagues. Abour halfe wayes in the land to the weltwards of Newhaven and by welk eight or nine leagues. Abour halfe wayes in the land to the weltwards of Newhaven and the land to the weltwards of Newhaven and the land to the weltwards of Newhaven and the land to the weltwards of Newhaven and the land to the weltwards of Newhaven and the land to the weltwards of Newhaven and the land to the weltwards of Newhaven and the land to the weltwards of Newhaven and the land to the weltwards of Newhaven and the land to the weltwards of Newhaven and the land to the weltwards of Newhaven and the land to the weltwards of Newhaven and the land to the weltwards of Newhaven and the land to the weltwards of Newhaven and the land to the weltwards of Newhaven and the land to the weltwards of Newhaven and the land to the weltwards of Newhaven and the land to the weltwards of Newhaven and the land to the weltwards of Newhaven and the land to the weltwards of Newhaven and the land to the weltwards of Newhaven and the land to the weltwards of Newhaven and the land to the weltwards of Newhaven and the land to the weltwards of Newhaven and the land to the weltwards of Newhaven and the land to the weltwards of Newhaven and the land to the weltwards of Newhaven and the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the lan and by west eight or nine leagues. About mane wayes, come without revenuent, rate inclusion the Haven of New-betweene the Some and Diep, lieth the River off Heu, wil-betweene the Some and Diep, lieth the River off Heu, wil-traspart this it on the north fieldeth Terfport, being alfo tyde-ba-ven, where men must goe in at high water, and at lowwa-ven, where men must goe in at high water, and at lowwater lye dry.

At the calt fide off the Haven off Diep, lieth a rane off rocks, and from it lieth altrie riffe off chindle towards the rocks, and from it lieth altrie riffe off chindle towards the rocks, and from it lieth altrie riffe off chindle towards the rocks, and from it lieth altrie riffe off chindle towards the rocks, and from it lieth altrie riffe off chindle towards the rocks, and a lower in the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the of Tochet, and run in upon your lead by it, there is at high wanot more the 3 fathom and a halfe water, there come out all-

fall , and make you fall with a cable on the shore. Hee that he with the cable nor anckor, may being come there within late his plan on againt the float is not he chindle, and fare his plan a good without damage. From S. Valley to Fearn it multicultivelt from eleagues. From S. Valley to Fearn it multicultivelt from eleagues. From S. Valley to Fearn it multicultivelt from the capture is deeper the cable haven, there they call to leave the call the dot of the havens mouth the plan that water. At the earli field of the havens mouth the capture is the capture of the plan that the capture is the capture of the plan that the capture is the capture of the plan that the capture of the plan that the capture of the plan that the capture of the plan that the capture of the plan that the capture of the plan that the capture of the plan that the capture of the plan that the capture of the plan that the capture of the plan that the capture of the plan that the capture of the plan that the capture of the plan that the capture of the plan that the capture of the plan that the capture of the plan that the capture of the plan that the capture of the plan that the capture of the plan that the capture of the plan that the capture of the plan that the capture of the plan that the capture of the plan that the capture of the plan that the capture of the plan that the capture of the plan that the capture of the plan that the capture of the plan that the capture of the plan that the capture of the plan that the capture of the plan that the capture of the plan that the capture of the plan that the capture of the plan that the capture of the plan that the capture of the plan that the capture of the plan that the capture of the plan that the capture of the plan that the capture of the plan that the capture of the plan that the capture of the plan that the capture of the plan that the capture of the plan that the capture of the plan that the capture of the plan that the capture of the plan that the capture of the plan that the capture of t

Two great leagues to the fouthwards of the river of Roan, Tochet. lieta Tydehaven, called Tochet, on the well fide of the thom.

From Pecam to Struyfaertie is welflouthweft three litels leagues. Without the point off Struyfaert lie two high flarp rocks. From thence to Synhead it is fouth and fourth and by ness, trum mente to symmetric is notice and routiness of your mention point of symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symmetric and the symme About northwest from synthesis that a some exploit when it is not not not need of them, as well to take eathwards as to the about northwest from water remainest no more then two fathom and a halfe well-wards jim to the Polffe off Caen, which their in might footh, raffe of water: the towne of New haven comment without Seynhead, and lieth in a Baye. At the well fide lieth a chindle, where Can, water: the towner of resonance comment without segments, and factor in a large. At the west note item a clinical, where then are you show root the banes. Formacoil it, not looke a mem any fide within it, it is sayed and broade, and fandy bond the Sewnhead, along huntil you come within the first strand, the cast land is fand hills and farre flat in five and second in the first strand, the cast land is fand hills and farre flat in five and second in the first strand, the cast land is fand. mill, there let fall your anckor in 6 fathom, and Itay for a Pi ven fathom, there men may goe in, founding with the foun-

lot to bring you into the haven.

For to hair into the River off Rean, comming from the north or the call you must rame clofe aboard the land to the north or the call you must rame clofe aboard the land to the northwarts of Seynhead, land along they it is long untill the gues to the caftwards off it lye the llands of S. Marques, men

## The second part

THE SECOND BOOK

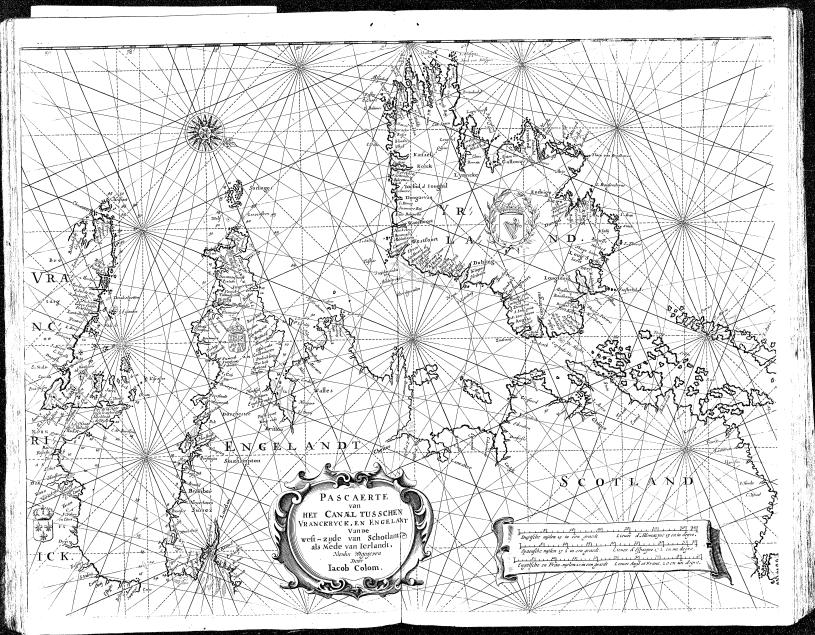
# FIERIE SEA-COLVMNE.

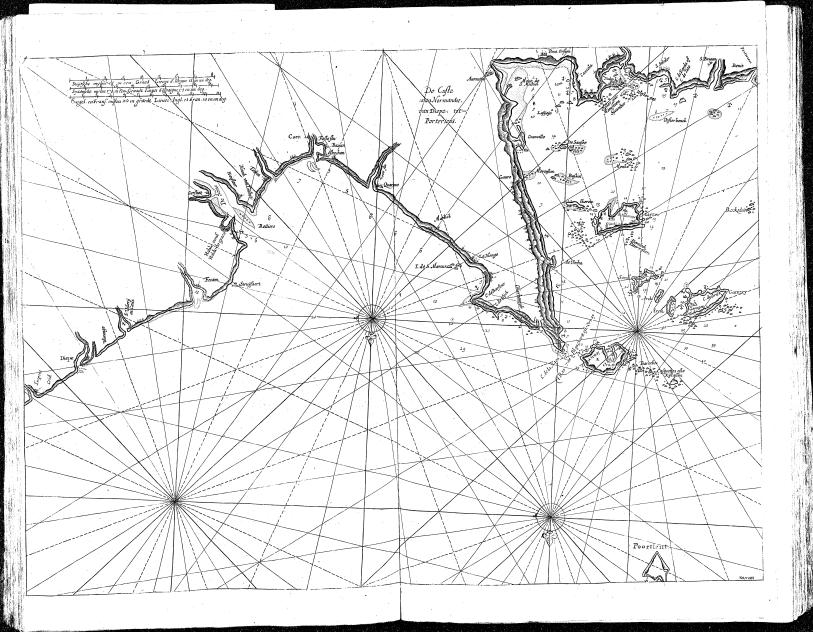
Is contained the Description of the Seacoasts of the Channell between England and France; and likewise the Sea-coast of Ireland.

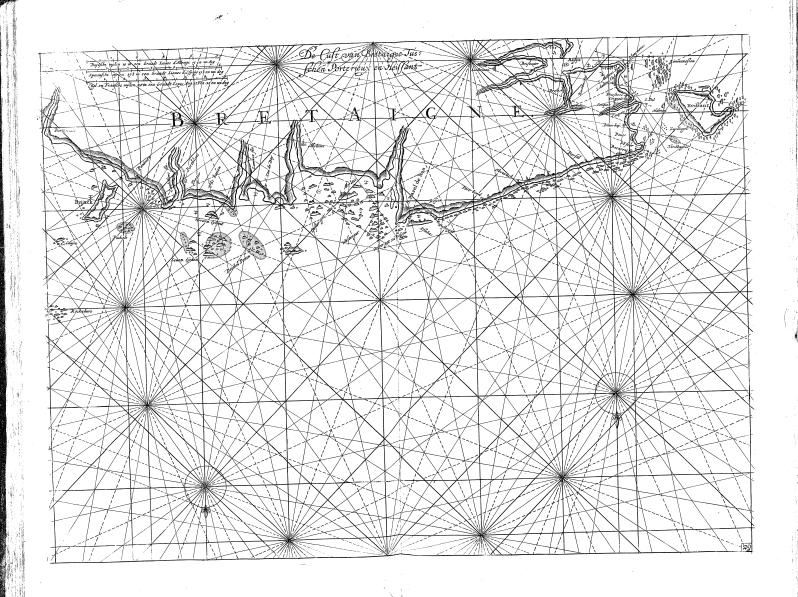
With priviledge of the High and Mighty Lords, the States Generall, for twelve yeares.



By Iacob Columne, on the V Vater, in the Fierie Columne,







A league to the westwards of the lland of S. Marcus lyeth off rocks, whereof some rocks lye above, and some under wah Honge a Honge a flat tower, to the westwards of it lieth the point ter, that you must avoid when you saile about by it.

of Barfleur, betwixt both is a great baye, where men may lie in 6 or 7 fathom land-lockt for a northeathwhell winde. A northeath winde bloweth there open in.

From the method points of the Barflaur dubids between the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of the points of From the north-point or C. de Barfleur(which lyeth north-

Sanchen or litle riffe, yet a shippe may go over it. Northeast a league and twenty, and seven and twenty fathom. From the north sech and a half of from the forestaid point lieth a rock under water, end lye off some Rocks, whereof some lye above, and some where shippes may not goe over.

From C. de Barfleur to Schierborough it is west and westnorthwest four leagues, that is a litle Tyde-haven. To the weltwards off the point of Barfleur lye fome foule grounds, if and Arem, or Harm, there men may faile through betwire yk you keepe the high land of Schierbrough with one the Cape them de Wyck, you shall not come to neare them.

Before Cape de Wyck is a good roade in fix fathom, a litle to rhe ealtwards off the two high rockes in a fandbay.

Before Schierboroug lye fome rockes, or litle Ilands, which are cleane round about, to the weltwards off it lyetha Tyde- fome great rockes, a good wayes of from the shoare, called the lie 4 or 5 high rocks at high water men runne through betwix: tockes which lye of a great wayes into the lea, to the norththem, and fo into the Haven. A great league and a halfe to the wards of them, to wit, betwixt them and the westermost point, weitwards off it, lieth Cape de Hague,

he kace gues long, and lieth eaft and weft. The eaft end iscleane, roade for wefterly windes.

"The weft end of Jarey are the may faile reasonable close along ft by it, but the weft end of Jarey are the may faile reasonable close along ft by it, but the weft end of Jarey are the may faile reasonable close along ft by it.

thereof, and anckor a little to the eastwards of the Tydeha- kiers.

kes welt and by north, and weltnorthwelt of three leagues in-

Upon the outtermost and westermost end, lyeth a great loes in manner as followeth. as now water, on a night water many 19 to the second control of the will, towards the rift of Morrefaim, that lieth upon the two great rocks are called by the French Les Regulithe Cafkets; coalt of Normandy fouthfoutheast, 8 leagues from Cape de by the Dutch the Kifkaffen, and by the English the Cafkets; coalt of Normandy fouthfoutheast, 8 leagues from Cape de Cluse by the welt end of Ornay, towards the Caf kets, lie other Voorha, two great ranes of rockes, called the Barroches.

weit, feven leagues, but from the Cafkets to the weit end of the weit end moit of them lie under water. Men mint faile Garnfey fouthwest and by fouth, 7 leagues.

If you will anckor under Garnfey (comming from the Caf- Granville. Hyou will anckor under Garnley (comming from the Carlotte)

for the runne ont of the northeast point of Garnley, and
for the callwards of it, untill you get fight of the calle
that fluideth upon the rock on the ealt fide of Garnley. Or the foutbeast point of large towards Granville, you must least that fluideth upon the rock on the ealt fide of Garnley. Or the foutbeast point of large towards Granville, you must least the called the carbon the large transport of the foutbeast point of large towards Granville, you must least the first point of large towards Granville, you must least the first point of large towards Granville, you must least the first point of large towards Granville, you must least point of large t if you come about to the well-was of the Caskers, then goe | call thefer rockers other farboard fide, and run alongft to of outherfun of mental more foutherfunnill the northeast | on toute and the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the cont rocke. Bring that over the fouth point off Garnley, and faile Cape de Yoorha and Granville are two points that lie with Granville Caftle and Garnfey ) in fix or feven fathom at low water, it is whole coaft is every where good anckering in fixe or fe-

weft point, called C. de Grufe, and along they the fourth fide of Granville men mult faile through that are bound for Conwert point, cancer of the family and the second of the Hand, well halfe wayes the Hand, & anchor there where call on think good, in eighteen or nineteen fishion. If the wind first to the fouthwest, or to the westlestontwest, then you may finist not be fourthwest, or to the westlestontwest, then you may ranne about by the fourth point unto the foreful Castle, and the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of t

may faile round about them, but it is not there very cleane. | faid. From the aforefaid fouth point, lieth off a little ledge

About 2 leagues east from Garnsey lieth the Iland Sarck, Sarck northwelt from you, when you lye in the road lieth of a banck there men may anckor round about it in five and twenty, fix under water. At the fouth end of lye also some rockes, but all above water.

Betwixt Garnfey and Sarck lye two other little Ilands, Arck Arck Aren.

The Iland Jarsey lieth from Garnsey southeast distant 7 leagues, round about this Hand are good roades at divers places. All along the north fide men may ankor in 10 and 11 fathom. At the same north fide, somewhat within the west point, lye haven , called the Foffe off Moberille , before it on both fides | Pater noiters , or Pierreleg. At the fouthwest point lye many Pater no. at the west side of Jarsey men may anckor at divers places in Two leagues weft and by north from Cape de Hague, lieth ten, eleven and twelve fathom. At the fouthfide of Jarfey is althe Hand Aldernay or Omay, betwixt them goeth the Race fo a good road for a northwest and west northwest windes. At of blancker through. Aldernay or Ornay is about three leat the east fide lieth S, Catherines baye, there also a very good S. Catherines baye, there also a very good S. Catherines baye, there also a very good S. Catherines baye, there also a very good S. The west end of Jarsey and S. Mallow, or the Hand Sisem-

is very foule: There lie fome little ilands close by the west ber before S. Malloes lie fourthfoutheast, and northnorthwest, ns very rome. A met die food that and the same and a farley wit-end, being paffed them, men may fayle towards Jarley wit-both right in the fareway, lye a great number off high rockes To the fouthwards of the forefaid little Ilands at the well together, which contains in circuit in falling about, Even deal little of aledge of rockes, within it, on the fouth fide it eight leagues, called the Mankiers, they lie faire towards Iaris cleane, except at the fouth point, that is also foule. Hee fey, forme above and many under water, so that is not without that will anckor on the fouth fide of Ornay, must be mindfull great danger to runne through betwirt Jarsey and the Man-Mankiers

When men will faile through the Race of blanckert, bound From the west end of Ornay lieth a great multitude of roe- for S. Malloes, they run commonly through betwixt Sarck and shoulds alongst the coast of Normandy, towards S. Mal-

Opon the outtermort and wettermort enut, yet na great toes un namore as outoweth.
high rocks with many other finaller rocks about it. Halle way when men come a little paft the C. Voorha, they fhall
yes betwitt this greatrocke and Ornay lieth another great
meet (thwart of the lland larley) with three or four high rocrock, but not fo high as the forefaid weftermoft, from it by rock, pursue, ourgue a metorenau wentermost, from reve ace, cancer are peur, men may runne to the wentermost of a multitude of rocks towards the outermost, which fail dry them, and for through betwert them and the Hand Larley at low water, but at high water many lye under water. Their els to the eaftwards of them alongft by the main land, upon as

Over against, or thwart of the Riffe of Mortefaim, lieth a From the east point of Ornay to the east end of Garnesey rane of frockes lying east and west more then a league in length (about to the fouthwards of Ornay) the courfe is welffouththroug betwixt them and the riff of Mortefaim that are bound

in upon that marke, betwixt the lland Arem, or Harm, and out the other land. About the fouthpoint of Granville lie two Garnfey, untill you come by the forefaid Caftle, betwirt the-Garnfey, untill you come by the forefaid Cattle, betwist the-lor three little rockes; along by them men mult run in within fel lands it is on both fides full off rockes, whereof you mult a Pier or head, where the filips lied at low water. Betwist take good head, effecially on the larboard fide towards A-cape de Hague, and Granville, men may fee upon the land rem. When you are come by the callle, you may anckor many little houles, mills, and trees, as they faile alongh by within or without it, where you pleafe, without the Cattle, it Altiet to the fouthwards off the rifle dortefain flands a in 12 or 13 fathons, or within the Cattle (that is bewist the Church with two fleeples, called Quotanle, All alongf the control of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of the cattle of th doth flow there fix or feven fathom up and downe, which men ven fathom, especially a little to the fourhwards of Cape de Hague.

Under the fouth fide of Garnsey men may ryde for north- About two leagues west from the point off Granville lyeth welt, north, and northeast windes. If you come from the welt, another great rane of rockes two great leagues long, lying or from the Caskets, you must name close about by the fourtheast and welt, called La Shaufee, between the month is shaufee.

anckor there either without or within it, as here before is it lieth a Caftle, or little towne; called S. Michiel, with a high satisfied.

re drye, that from the strand men see no sea nor water.

der in 5 and 6 fathom water.

by fouth s leagues.

Before the haven of S. Malloes, lyeth an Iland, called Sifember, upon the west end thereof standeth a mill, and upon comming out off the fea, you can but reven fearor feet the feather than the being within the lland, you may fee it better, wards of the little Tower upon the boint to the fourth, but being within the lland, you may fee it better, wards of the Town, that road is called by the French La because it standeth on the south-side off the Hand. A great fhot off a call peece to the callwards off Sifember, lyeth a water, for to goe in about to the fouthwards off the Towne. great high rock, called the Meuwitone: betwirt them and It floweth here at S. Malloes, and thereabouts, feven fathom Sifember it is all full off rockes and ftones, which at high wa- up and downe with an ordinary tyde. ter lye most under water: there is a litle channel betwixt them both, which the French menufe with theyr fmall thipping,

Betwixt the Meuwestone, and some other rockes to the and is called the little Bee, the neerest to the Towne is the markes, and then in about to the fouthwards of the Towthe greatest, and is called the great Bee, sayle then towards ne, as here before is said.

Tower which men may fee at fea. This Bay is to the fouth-them, and run in about them within a cables length of them, Little and wards of Granville, within the rocks of Concalle, very flat and but keepe that course so long, until that the little Tower great rifing ground, from thirteene, tenne, eight, fixe and foure fa- (that flandeth a little to the fouthwards of the towne upon thom to one fathour, fo that at low water the Bay falleth fo far- the point ) come over the tower of Bore a little to the eaftdrye, that from the frand men fee no fea nor water.

Trom Granville to the point off Concalle, the courfe is fouthwest s leagues, from that eastwards lye three rockes, under which men may anckor in ten fathom. For to fayle to the run betwixt them through at high water, untill you come towne men must runne betwirt the point and the foresaid roc- within the towne, at the east side, the shippes lye morred kes. It is betwirt them both eight and nine fathom deepe. Be- with four cables dry at low water, two faft on the towne, and fore the towne it is shoulder water. To the northwards of the two upon the sand. Betwixt these two foresaid beacons, to Towne lye other two rockes, there men may also anckor unfharpe, rockie and ftonie, therefore men must take heed not From the outermost rockes by the point of Concalle untill to stay there at low water, or to ground there, but within on you come before S. Malloes, the course is west, and west and the east side of the town it is cleane sandie ground, there may the shippes lye a ground without danger.

A little within, or to the fouthwards of the foresaid rock the little Bee, men may anckor in five or fixe fathom water the east end a Church with some litle houses being a Friery, at low water, so that the tower of Bore cometha little to the wards of the Town, that road is called by the French La The Road Ranfe, there men commonly first anckor, and stay for high

From the west end Sisember, lye off also a great many rocks alongst to the westwards, more then a great shot off a through betwirt the rockes, but is not to be used with great cast peece, at the end of them goeth in the Wester-channell hipping, neither by them that are not very well acquainted of S. Malloes eaft and by north in. For to faile in there, you must look out for a sharp little Tower, that lyeth somewhat to the northwards or to the eastwards of S. Malloes, 3a Bougir, ealtwards off it, lieth in a channell fouth and fouth and by eaft | within the land called Pellemy; when you have brought that in, called a Congie. For to faile in there you must runne in east and by north from you, then you shall see upon the shore clofe aboard to eaftwards of the Meuweltone, foutheaft and right against it, a great black rocke, which for Blackereffe by east right in with the towne, untill you've gotten in sheweth it selfe without all the other rockes thereabouts, and two third parts of the diffance ( betweene the Meuwestone thereby is very good to beeknowne: Bring that rocke and and the Towne) from the Meuwestone; and are one third the foresaid little Tower one to the other and faile so right in part of the distance from the Towne, that is when the Men-untill you come thwart of the lland Sisember, or els that the westone is twice so farre from you as the Town, then you shal little Tower (upon the point to the southwards of the Towfee by the northwest point of the Town two great rockes, nc) come to the tower or Bore, to the eastwards of Saledoor, about a flot of a cast peece from the foresaid point; upon each faile then towards the roade of La-Ranse to the four hwards of rock standeth a little house, the outermost is the smallest, the little Bee; or els if it be high water, you may run in upon

> When you fayle into this Wester channell, you shall leave on the starboard fide a high rocke ( called the Schoorsteen) with more other rockes to the westwards of it, which at high water are most of them over flowne. On the north fide, that is on the larboard fide, lye alfo many rockes, whereof many of them overflowane at high water, and also remaine above wa-

Yet a fouther channell More, a lieth in by the land to the fouther-fouthwards off the rock off channel. S. Antony, upon marks that men doe fe a stearne the thip, but it is not used but with fmall ships.

About halfe wayes be-seonebank twixt the wester channell of S. Malloes, and C. de Farela , lyeth a ftony bank under water. A little to the westwards of C. de Farela, lieth a great rock. When you will faile from C. de Farela towards S. Malloes . & that you keepe the forefaid rock right upon the point of Farela, you shal so the Stonebanck: but if you keep the rock hidden underor behind the point, then you shalfaile alongst

De Haven van S. Malo.

betwixt Tresport and Roscou.

faid rock is a good marck for to know Cape de Farela by. Four leagues well from S. Malloes lyeth a great Sandbay, may faile in fouth, and fouth and by well, unto the caftle off

within a great rock, right against a mill and some trees.

Caille de Late, that flandeth to the eaftwardes off the of the northwest. point; there is a good Roade for west and southwest win-Ovffer-

off S. Malloes, lyeth the Oyfterbanck, there under it men may

anckor in 6 or 7 fathom.

To the well wardes of Cape de Farela unto the north-end of S brisux and the Hand Briack lie the Havens or R. vers of S. Brieux and are all tyde-havens, but betwixt the rockes of the Morlions, & a, benit S. Benit.

The HandBriack is two leagues long, and lyeth fouthfouth lave a flap. west and northoortheast, when you come from the east, you shall see two milles upon it, and betwixt them a high round Church stand two sharpe steeples. The Iland Isle de Bas, hill, with a litle house upon it : you may fayl round about this Iland and may make roades on every fide where you will, end lieth a ledge of rockes under water, whereof you mult take beed

Foure leagues to the westwards of Briack lyeth the Port places is good anckor ground-Blanck upon a great river, called Lantrilliers, to the eaftwards of this haven lye off many out-rockes.

To the westwards of Port Blanck , lye the Sept Isles , or fe- land. Land Ileas of the Market of the Pickels diftant five leagues saft | For to faile into the eafter channell, when you are passed by wards off them, betwist them and the Green Hand gooth a you mult falle in keeping the middle off the channell. It is in broade channell through. From the eaftermost Hand lyeth this channell feven and eight taths m deepe, Bei g come with-

the riffe. Northwest from the west-end off the seven Hands, ves within the Hand, and anckor there in eight or nine fa-1 ethalfo a funcken rock, which at low water may be feene thom. And then Roskow shall lye fouth and fouth and by east Men may also sale alongst by the coast from Port Blanck, from you, within to the fouthwardes of the Green Hand, and come It you will faile into the wester channell, you shall see to out against into the feato the westwards: From thence north- the westwards of it, close by the maine land, two great long well of into the fea, lie the Triacle Pots, thefe are great rockes. From the point of the maine land, a litle to the eastfeareful out-rockes, which lye spread wyde and broadewest- wards of the eastermost long rocke, lyeth off a riffe from the four well from the feven Ilands, and foure or five leagues a land, which maketh the well fide of the channell, you must teat oard the land

River of Laminoe, to the westwardes of the Greene Hand: you must edge up northeast unto the middest of the Hand, and For to fayl in there, men must take good heed of the north-lanckor there as here before is fayd. east point, which is fowle.

Thwart o' the feven Ilands, upon the maine land, flandeth coaft welf fouthwell 16 leagues. a Cherch with a high steeple: called Our Lady of the Clear-nesse, thereby men may know them.

Fourne, or Ufhant, and s bound to Saint Malloes, let him winde, fo that the point lie east and by north from you. Learning, or trimant, and spident to state a water from minimal triple and the point negation desired and by under from you.

Camber nor togo with a fourtherly winder to the eaftwards of feath-northeaft, or northeaft and by call with a wellerly winder, well, you malk keep Beachy without the point of Fairlee, and follong untill the hath the length of the Triach (by the first point of towards the Nelfe, and being the point of Fairlee, and the point of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach of the triach the Triacle Pors and the feven Hands, and should by night ea- the Nesse, then edge up to the westwards, and leave the beathere is no fuch danger.

and anckor in five and fixe fathom at low water

To the weltwards of the Triacle Pottes lieth a great rock by them.

the fourthwards off it. Or elfe if you keepe it without the the cafter entry of Morlions lyeth from it fouthwest and by point ( fo that you may fe through betwixt it and the point ) fouth diffant two leagues, but the wester entry lyeth from it then you shall favle alongst to the northwards of it. The fore- westfouthwest and west and by south source or five leagues, that goeth in by a great long ragged rock. This entry men where men may lye landlockt for all windes: Men doe anckor | Morlaix; being about the castle they may run through the Morlais rocks againe to the eaftwards, and runne out againe at the ea-About two leagues northwell from that Sand-bay lieth the liter entry northnortheast, and north and by east into feat Cape de Farela, which is also called Cape de Late, after the according as the tyde shall be, the flood commeth there out

If a man would goe from Morlaix to Marlions, hee may goe on east through the rockes, and so faile to it : It is all Two great leagues northwest from the entry of the Haven broken land, and there remaineth at low water five fathom

If you bee bound to S. Paul de Lion , you must run right Sepaul de with the great rock, with the two horns or Sadle, and fo the iland Briack, the course is west and by north nine or ten close alongit by to being past it, edge to the land upon the leagues. Two leagues from the land west from the Cape lieth straud lyeth a village, called Plempoll, sayle right with it, and a great rane of rockes above water. Between the forefaid Cape | 4long thy it, to the eaitwards off it goeth in the river. These and the Hards Bay, it is at lowe water deepe enough for to

The land of S. Paul de Lion is double land; upon S. Pauls iyeth thwart before it , upon it Itandeth two ftakes ; to fee to a far e off like milles. Upon the eathend of that Hand although round about it here and there lye fome rocks, yet light a very high ragged rock, when you are to the eaftwards it is all over good anckor-ground. A good wayes off from the of this rock, you shall be two sharpe steeples a space one from northeaft point lieth a rock, called Souffe, and at the north the other, these are the steeples of Plempoole: you may also hen fee the Caitle of Morlaix, lyeth foutheast from you, upon a high rock.

A great league wellfoutliwell from Briack, three or foure leagues a feaboard the land, lye the out rockes, called the lyethfrom the top of the Hand I'lle de Bas, ealt, and eaft and Illedebas Pickeles , men may fayle round about them also , but to the by fouth three or four eleagues. Men may fayle alongst by the eathwards or them towardes the main land, lye many funcken maine land within and through thefe rocks, nutill they come to the feven ilands, they are all great bayes, where at most

Within the Ille de Bas lieth the town of Roskow, you may Rosekow fayle into the haven off Roskow at both fides off the I-

and welt. A league to the four hwardes off them lyeth the the high rocke with the fadle, or two hornes, called Le green land; there you may ride round about it. Betweenethe Taureau, and come by the land, betwirt the east point off feven flands you may not faile through, but to the fouth- the fland, and the point off the maine land over against it, off a towle rifle to the fouthwards, upon the outermost end in the point of the lland, you must runne in about by it, west off that rifle lieth a rocke, as a good marke for to faile about and by fouth, and well on, untill you come about halfe wa-

runnein foutheast betwixt that r ffe and the west point of Betwirt the Triacle Pors and the feven Hands lieth the the Hand, and when you come within the point off the Hand.

From Hile de Bas alongft to the Fourne or Ufbant lieth the

The point off Dongie Neffe lyeth from Dover fourhwest Road unand by well diltant y leagues. At the call fide off the Neffe in Neffe Thwart of the I riacle Pots standethalfo a high Tower, the Romans Bay, thwart of the Romans-Tower, is a good roade reby men may know when they are neere them, but it must for west and S.W. windes: For to anckor there, runne so farre be very cleare weather before men can well difcerne it upon in the bay, that the point off the Neffe be fouth and fouth, and by west from you, anckorthere in about 7 or 8 fathom: you Hee that commeth by night or darke weather from the may alfoanckor on the west fide of the Nesse, for a northeast

they bee on his broad fide. The flood falleth four heaft within in without two cables length along they it, unto the end off fily draw a fhip towards them. By day, or when there is fight, consupon the starboard fide, untill you come before the castle Camier, that standeth upon the fouther chindle, there you Within the Triacle Pottes lyeth the tyde haven off Saint may anckor in 4 & fathom: From thence along even unto John de Doy, two leagues to the weltwards of the Green the Town of Rye, it is all fet with beacons, which stand along the land, and two leagues to the eaftwards of Morlions, men by the eaft fide of the deep, unto the Daries, which at low wamay fayle from thence through the rockes unto Morlions, ter fall dry, in fayling unto Rye, you must leave, all the beaconsunto the starboard fide, and run indifferent close alongst

## The coast off Normandye and Britannie.

## Off the tydes and courses off the streams.

high water.
From Struyfaert to Caen in the Foffe, the flood falleth fouthfouthwest, and deep 45 and 50 fathom. the ebb northnorthealt.

Before the have off Casn a fouthfoutheast maketh high water, within the

fee.
At concelle and transilies a worknowled means.
At concelle and transilies a worknowled means.
At concelle and transilies a worknowled and by week
At concelle and the worknown muck thighly water,
At a food filleth in there at the welfer channell; and goods out against
the earlier channell; men mult reckond treet youn when they will light into
the earlier channell; men mult reckond treet youn when they will light into
the cather channell; when we will recommend the concelled the conce

w. s. w. and to axewite from thence all alongst the coast of Bretaigne, unto the Fourne or Vshant. Betwitt Dower and Dongie Nesse, and likewise thwart of the Nesse, a S. S. moone maketh full features.

of the third of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the c

Johny ground.

Northwest about source leagues from Garnesey is a pit where it is 80 or 90 fathom deep, clait is thereabout 40 fathom deep.

Betwint Ornay and larsey it is deep 10 and 25 fathom.

In the fareway of Iarley, Rockdure and the Hand briack, it is deep 20, and

of the tyder and comfex off the freezes.

Breath Disp and by etc., and the chib continued and by wett.

Breath Disp and by etc., and the chib continued and by wett.

At New-lawren, and in the kirved form a foundatil Moone maketh at New-lawren, and in the kirved form an afoundatil Moone maketh at New-lawren, and in the kirved form a foundation of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued of the continued o

| the ebb northnorthealt.                                                                                                                                                                    | Courfes and Distances.                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| perfore the have off Caen a fournioutheast makets night water; within the                                                                                                                  | From Trefrage to Dien fourbwell 7 leagues                                                                                      |
| haven a fouth and by east Moone.                                                                                                                                                           | From Diep to Facam w. f. w. 11 leagues  From fecam to Struvfacut f. w. and by w. 3 leagues                                     |
| shore, a fouth and by east moone.                                                                                                                                                          | From Struyfaert to Seinhead, the courfe is f. f. w. two great leagues                                                          |
|                                                                                                                                                                                            |                                                                                                                                |
| At Cape de Hague by the snore, a s. and by E. moon back to the                                                                                                                             | From blackneffe to firuyfaert, or cape de Caux, fouthwest and by fouth, somewhat westerly  All seagues  48 leagues  48 leagues |
| The flood fallets through the Race northeast, and the ebbe fouthwest.                                                                                                                      | From blackneffe to Wight w. fomewhat foutherly 37 leagues                                                                      |
| In the llands aliou norm and by<br>maketh a full fea. Men cannot well reckon the tydes there; because they<br>have divers courses about the Ilands, but for the most part northeast and by | From Diep to Wight, the course is west northwest 37 leagues                                                                    |
| mouth a quarter of the tyde, the nood faireth thwart into the casses.                                                                                                                      | From Bien to Dover north twenty three or 14 leagues                                                                            |
| In Garniey a north and by east, and found and by west moon interest and                                                                                                                    | From Seynhead to Diervliet, or the point of Sherburgh , weft , fomewhat nor-                                                   |
| fea. At concalle and Granville a weffnorthweft moone. At S. Malloes an eaft and welt moone maketh high water.                                                                              | From Sevenhead to portland porthweff and by weft 38 leagues                                                                    |
| At S. Malloes an east and well anothe make the death age agains at                                                                                                                         | From Struy facre to the eaft end of VVight, northwest northerly 29 leagues                                                     |

\_\_\_\_\_38 leagues rly 29 leagues 23 or 24 leagues

The book mustim momes, and we were sensoring, and great on a gapta the calter channels.

In the calter channels.

Brick in the bay of Stenis, the flood falleth Goukealt, but will not be a stenished the state of the calter of a state of the calter of the state of the calter of the state of the calter of the state of the calter of the state of the calter of the state of the calter of the calter of the state of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter of the calter

the Fourse or Vishant, the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the sec

Heights.

The point of Struyfaert in 45 degrees 48 minuten the feven Hands, or Sept Ifles in Beachy lyeth in 50 degrees 48 min.

How thefe Lands doe shew them felves at Sea.

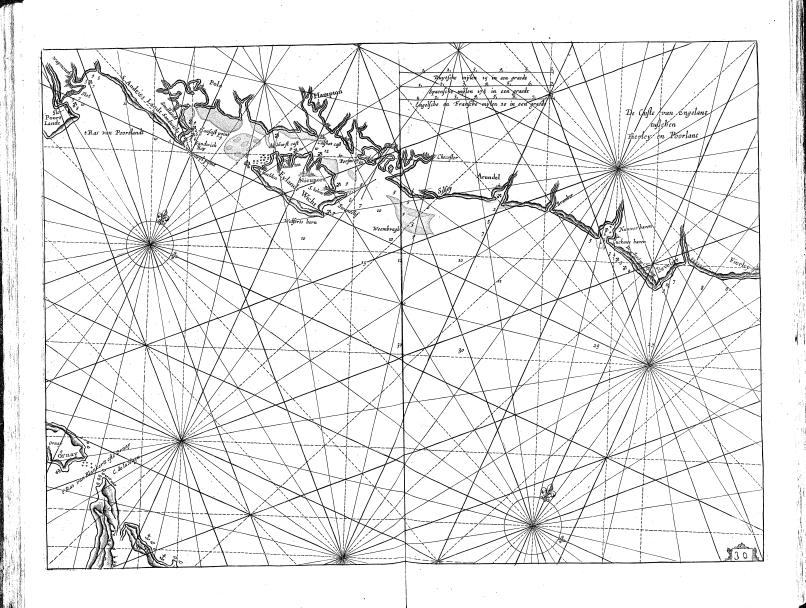
|                                                         | niiditti varia oo ee aa ahiilii iilii iilii iilii ka oo ah aa ahiilii iilii iilii iilii aa ah aa ah aa ah aa a |
|---------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Thefe two figures belong at the AA on                   | e to the other.                                                                                                |
| Grand valley                                            | Fecam,                                                                                                         |
|                                                         |                                                                                                                |
| etween Diep and recam sheweth like thefe two figures he | re above, when you faile alongst by it, two or                                                                 |

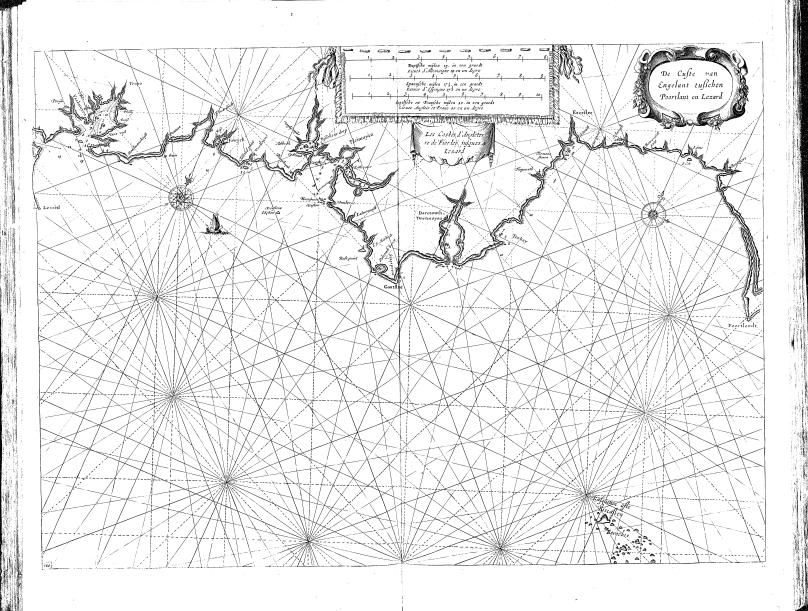
Seynhead Struyfacre

The forme of Struyfaert, 2nd Seynhead, when you faile alongft by them,

Thus sheweth the land of Cane, when you are 4 leagues of from it,

Thus sheweth the land of Sherboroug, and the land to the westwards of it to wa. ds cape de Hague when it is southeast 4 leagues of from you-





Thus sheweth Ornay when you shall fayle alongst by i Thus sheweth Ornay with the Caskets, when it is fouthfoutheast from you 3 or 4 leagues. Thus showeth Ornay and the Caskets, when you layle along thy them, and Ornay is foutheast from you 3 or 4 leagues. Thus showeth Garnsey when it is thwart of you about 4 leagues Garnsey, being eastnortheast from you sheweth thus, La Four. Thus sheweth the land betwixt S. Paul de Lion, and the Fourne, when you fayle alongft by it 4 leagues from the land.

## The fecond demonstration.

Wherein in deciphered the coast off England from Fierley to the Lizart.

westwards of the point of Beachy, thwart of the west end off no more then 5 or 6 foot water. they Cleves, right againt the Chindle, where men run a-longth by into new Haven, men may also anckor in 7, 8, or 9

nearest E. N. E. from the point lieth a litle fand, upon which the outermost are alwaies under water. there is at low water and fpring-ty des fcarce two fathom.

westermost entry lieth in by the west land, but is not to beut, that is north northwest from you, then are you thwart off the and by west in, there is at high water with a common tyde not you, comming either from the east or from the west, you can more then feven, and with a spring-tyde, 14 or 15 foot water; take no hurt of the Owers, you may run alongst by them in within, the ships lye every tyde dry: But before the village, twelve fathom upon your lead, without danger. If you saile awhiting, the imps spectral type day. But before the vinage they remaine a float, there they morre with four cables fall way from the east end off Wight, east and by north, and easton 2 green (hores. Upon these entries men cannot well make northeast, you shall run in 12 fathom along to over the east end on a green more. Opinitude entities men camou wen make i monactive on smart unit it is attrom atomic owner the calt end may reckning, they keep no estrain depth, when it blowth of them. He that is there well acquainted, may alfo faile to the a frome out of the fouth, they are oftentimes calt too with a N. wards of them, through between the land and the Owers. chindle, and opened agains with a freshut.

tydes 18 foote water, but at low water there remaineth no At both the fides of the Iland Wight men may faile within it. more then 3 foot water, fo that then it flowesh 13 footup and and there come to ankor either under S. Ellens, or before more then 3 foot water, for that then it nowen 1 500 then 3 down. With a common tyde at high water there is 12 foot, and at low water, 3 foot depth. The town shorum lieth a little tender of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state

in alongit by the forefaid north shore.

but within the haven remaineth at low water 4 and 5 fathom : hurt off them. There you must anckor before the village.

hateo fide of the Owers, and two little leagues fouth from Arondell water fide to the E. wards of Portsmouth, thwart from it lieth nde of the Owers, and two interior reasons and chindles, called Fait-borough-the forefaid, Lime-kill: when that commeth to the E. wards of

HE point of the Nesse and Beachy lye head, as great as an aker of land, which falleth (at low water H. B. point of the Neffe and Beachy lye lhead, as great as naker of land, which falleth (at low water wetfoothweft and eathortheath diffant and pfringe-tield by otherwise it commet his above water, wetfoothweft and eathortheath diffant and pfringe-tield by otherwise its commet his above water, as leagues. Beachy is by the feven white clock to it, it is 15 fathom deep. They that fayle off from the canfe cany where. To the eathwards off go more wefferly then S.S.W. until they come in 18 fathom, Beachy men may anckor for wetkerly winders they feet their courfe more wetlerly, for feare of this point be fouth, and fouth and by welf from you. To the should. About an English mile N. W. from this forefaid point be fouth, and fouth and by welf from you. To the should, a bout an English mile N. W. from this forefaid the points Reachy, thereof the west end off in no more then cor of foor water.

re about an English mile and a halfe into the sea, called the A league and a half to the eastwards of the point off Beachy Bogners, whereof some of the rocks fall dry at low water, but

nere is at low water and firing-tydes Carce two farborn.

At the well end of the feren Cleeres lieth the River of to the eaftwards of Wight, and lie off a league and a halfe from Owens. Newhaven Cuckmer-haven, or New-haven, which hath two entries, the the land, thwart of them flandeth a tower in the land, when fed, but onely with very small shipping, it falleth altogether, southermost part off the showld; And if you keep the Culver Culver dry, the eastermost is commonly the best, and lieth northwest, cliffe off Wight west and by north, and westnorthwest from the common of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the shipping of the

Betwixt the Owers and Portfmouth goeth in a great found Shorum is a tyde-haven, where is at high water and fpring- or haven, within lieth the town of Chichefter.

off that Castle) and keepe them so one over the other, untill When you come from the eaftwards from Beachy or New-that the Culver cliffe come within or under the northeast haven along by the shoare, you may see open into the Haven, point off Wight. Then bring the Limekill over the east end before you come thwart of it: But comming from the west- off Portsmouth, and keep them so untill that the calle to the ward, you (hall not fee it open before you comme right before westwards of Portsmouth come to the wood: Thus doing it, because the west point lieth somewhat further out then the you shall not come nearer neither plate nor sand, to take any II, pocale the welt point men iomewisa infrier out then the post-attribute. From the well point numeth off a life tayle, but harding warry to may runner had along to verify, otherwife you stable where you may runner had long to verify, otherwife you for the post-attribute warry to may runner had begin to the post-attribute warry to may runner had begin to the post-attribute warry to may runner had begin to the post-attribute warry to may runner had begin to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribute warry to the post-attribu mult runne in by the east fhore. Upon the east point stand two within the red point; then you shall not come too neare the must runne in by the eartinore. Open the eart point maint row wants the responst, it they committee too heart the beacons, which you must bring one in the other, and munifo; if if earther boart. Or fell riyou cannot fee the Lyme-kill, eight with them, antill you come by the north shore, and then ight with them, antill you come by the north shore, and then in the seeper the Califer to the weftwards of the Culver cliffe, in the seeper the Califer to the weftwards of the Culver cliffe, in the califer to the westwards of the Culver cliffe, in the califer to the westwards of the culver cliffe, in the califer to the westwards of the culver cliffe, in the califer to the westwards of the culver cliffe, in the califer to the westwards of the culver cliffe, in the califer to the westwards of the culver cliffe, in the califer to the westwards of the culver cliffe, in the califer to the westwards of the culver cliffe, in the califer to the westwards of the culver cliffe, in the califer to the westwards of the culver cliffe, in the califer to the westwards of the culver cliffe, in the califer to the westwards of the culver cliffe, in the califer to the westwards of the culver cliffe, in the califer to the westwards of the culver cliffe, in the califer to the westwards of the culver cliffe, in the califer to the westwards of the culver cliffe, in the califer to the westwards of the culver cliffe, in the califer to the westwards of the culver cliffe, in the califer to the westwards of the culver cliffe, in the califer to the westwards of the culver cliffe, in the califer to the westwards of the culver cliffe, in the califer to the westwards of the culver cliffe, in the califer to the westwards of the culver cliffe, in the califer to the westwards of the culver cliffe. untill that S. Ellens Church come ashippes length without At Shorum fomtimes there are builded many great thips of the point of the Iland, goe then boldly northwelt in, and you shall not come too neare the rifle; And then bring the fquare About 8 leag, to the westwards off New-haven lieth Aron- Tower betwirt the east end of Portsmouth, and the Castle: dell, a tyde haven, where a ship may go in at half Flood, you when the cattle to the westwards of Portsmouth commeth to must go in thereby the west land northeast in. In the entry it is 1 the east side of the wood, then you shall not (as here before is two, and betwixt the two lands 3 fathom deep at high water: faid/come too neare neither the plate nor the fand to take any When the eastermost white spot standeth a ships length to

Five leagues W.S.W.from Arondell, and 13 leagues weft the westwards of the castle, then you are to the castwards Owen. and by fouthfornewhat wefterly from Beachy, lye the bancks of the riffe; and when the Culver cliffe is covered or hidden and by south formewhat weiterly from a great league and a hal-behind the northeast point off the lland, then are you also within the riffe. The markes off the little plate are thefe : there the plate. About 2 leagues E.N.E. somewhat easterly from the fouth standeth a square tower within the land, and a castle on the

the forefaid Castle, so that you may even see through betwixt where men may see through, and a little without the point the little plate 12 foot.

Portfmouth; and the castle even betwixt the Lyme-pit and the Tower, and the Cattle by west Portsmouth in the west hole, lyeth the haven of Poole; for to falle in there, comming Poole, fide of the wood, there it is at high water, tennefathom deepe. about the forefaid fecond point with the steepe rocke, you

by north from you, and the west end north and by east.

a broad fand alongft the shoare; called Nomans-land, which turne toe and againe, then spare not to use your lead, and runne there milles, you shall goe cleare of it.

not to be used, but with small shipping.

Mades lying at the Welt end of W ght ) bring then the inner-along t by them. The shoares are on both fides likeepe, and most point off Wight; or the Castle that standards upon the the channel is not wide, without the channel is riss should or chindle over against that point, called Hus castle a little with- flat. This Pilots water. out, or to the northwards of the Needles, faile in the reupon, From the west end of Wight to the point of Portland, the Portland board fide of you, and run in within a cables length alongft by point of Wight, west and by fouth thirteene leagues. them for to avoid the bancks which Iye off from the chindle ftarboard fide, faile foin nntill you come before the village otherwhiles ten, and also fifteen fathom deepe, Newton, and anckor there in time or ten fathom, or elfe and anckor there before the haven of Newport in tenne or before it men may anckor in 4 or 5 fathom. twelvefathom, there is the belt Roade, and, the belt lying of all the Roades in Wight. The Haven or Roade before New-thirteen leagues; betwitt them both lyeth a little lland close a funder.

leagues, lieth the point of Saint Albons land, called Peverell, it is good ground, and landlockt for a fouth winde. point fand point, from it lye off fome little Rockes to the eaftwards. A witch bay. Jittle to the northwards off that point is a Baye called the Bay
of Sandwitch, there is a good road for them that are bound to the westwards; If you will goe to ryde there coming from the Westwadrs, you may take the founding of Saint Albons land, and runne aboard the point in foure or five fathom at a halfe flood, and you shall take no hurt of those little roches. Being gotten about the point, edge by it up to the westwards towards Sandwitch. A little to the Northwards of Sandwitch in the Baye, lieth round Hommock, & thwart off it somewhat within the land flandeth a mill ; bring that mill to the fouth fide of the round Hommock, and faile foo in untill you come in foure or three fathom, and anckor there fo deepe or should as you will, there it is good lying for fouthwest or fouthfouthwest

A little league north and by eaft from the forefaid point right west from the Needles off Wight , lyeth another point , called Hanfalt point, to the northwards of it lieth a little Tououtermost part off that point, is a hole through the land, fouth distant thirteene leagues.

them both, then are you upon the little plate which at low flandetha high steepe rocke like a Mast, allmost like the Neewater is not deeper then to foot: then it and eth the cattle to dle at the well end of Wight For to con eto ride before Studthe westwards off Portsmouth at the west side of the wood. land: you must faile about the second point, with the hole or But when the foresaid square tower commeth to the west fide the steeperocke, in source or five fathom, and goe in W. N.W. to the foot of the Castle and the Castle by wost Portsmouth to towards Studland: a little to the fourthwards of it lieth a little the west side of the Wood, there it is deepe at low water upon valley, bring that W. S. W from you, and goe towards the shoare, in foure or three fathom and a halfe, there is the bett When the square Tower standeth betwixt the east end off roade, & lying there, you may see the foresaid hole in the point, A league to the northwards of that forefaid point with the

When Saint Ellens Church lyeth fouthwest and by west must goe on northwest, or somewhat more northerly, and then from you, then lyeth foutheast end of the place northeast and you shall right a head off you, a high flat hill, which standeth higher than the one other land thereabouts, keepe that be-From the point off the Roade of Newport eaftwards lieth twixt the two shoares, and run in so right with. If you must falleth allmost dry at low water, it is so steepe, that halfe a cannot further over to the westwards, then that the flat hill come bles length off from it, it is twelve fathom deepe: upon the to the west-land, so some as it beginneth (as it were ) to touch high land of Wight thereabouts fland two or three milles. If it , you must cast about , or else you should be fast aground: you come neare the shore, that the foresaid milles bee hidden And after you have cast about, runne not further over to the behinde the forefaid high land, you shall not misse to come a castwards, then that the forefaid high flat hill commeth even groun lagainst that foresaid sand, but so long as you can see to the east sand hill, which is a high, gray, and sharp sandhill, lying at the Eaft fide. If you keepe thefe forefaid markes

The Roade off the Cowesis the best Roade in Wight in this manner, you shall have there going in at halfe flood, was Overagainst, betwirt that and Calshot Castle, lyeth a hard terenough, there remaineth upon the shouldest at low water, fand nearest the north shoare, lying from thence to the west- ten and eleven foote, but it floweth there no more then five wards alongft the fareway, almost fo farre as thwart off New- foot up and downe. It floweth there twice in a tyde. A fouth-The Bram ton, called the Brambles; at low water and spring-tydes it fal-east and northwest Moone maketh there full sea: Also a south leth almost, dry and then the sea breaketh much upon it: to & by aft & north & by west Moone once more, that comthe northwards of it goethalfo a channell through, but it is meth to paffe by reason off the fore-ebbe that commeth out off Wight, When you come within the entry, go then For to faile in at the west end of Wight, you must runne northnortheast on, and keepe the beacons that stand on the inather right in with the Needles, (they are high flarer Rockes a eaft land on the flarboard off you, and nume in different close Needles, (they are high flarer Rockes a eaft land on the flarboard off you, and nume in different close Needles, and the flar of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of the flarer land of t

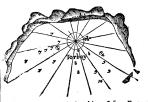
untill you come to the Needles, leave them then on the star- course is W.S.W.eleven leagues, but from Dunnose, the S.W.

If you will goe to anckor under Pertland ( comming from to the northwards of the Needles, of the west end of Wight the west, then come within two cables length, or a shot or a cast allmost to the Needles. Betwixt the banckes called the Swin peece about by the point of Portland, and being come about Road unammort one vectors, netwartmenances canceines will plees among the point of training, among the word good and gels, and the Needlesk it is not very broad, and at low water by fathom deep. When you faile in here, you mult calt very broad with calt very broad reading and accordance of the forest floor in the point of Portland deep ly found and by early safety with the forest floor floor floor floor in the point of Portland deep ly found and by early and the point of Portland deep ly found and by early and the point of Portland deep ly found and by early and When you are then come within the Needles, then edge a S.S.E. from you, there you shall lye land lockt for a S. and little more off from the shoare unto Hus Caltle that standeth S, by E. winde. With a fouthwest and a S. S.W. winde, men upon the Chindle, for to avoid some Rockes which lie must be very mindfull of terrible rippeling of the race of lortalongft by the Iland under Water. Being come within the land, which beginneth a little to the westwards off Portland, Caltle or Chindle, there it is wyde and broad, leave two third and endeth a little to the westwards of S. Alhons, The ground parts off channell on larboard fide, and one third part on the in that race is also very uneven, and should, sometimes seven,

About a league to the northward off the road of Portland faile forth) if you will ) about the point off the Cowes, liethalittle Towne, called Waymouth, with a tyde-haven, Waymouth

port lyeth from the forefaid Hus Caftle upon the Chindle by the land called Cob. Before Exmouth men may ride ( at I.Cob. northealt and by east, and eastmortheast about two leagues the fouth end of the Chindle, which lieth before the haven) in feven or eight fathom, fo that the rockes of Tomanstones From the Needles of Wight west and by south about three doe come to lye south and south and by east from you, there

TORBAY.



Five leagues fouth and fouth and by west from Exmouth ne, called Studland, before it is also a good roade. Upon the lyeth Torbay, and lieth from Portland west, and west and by

For to goe into the roade of Torbay, you must bring the you have Cat-water altogether open, you may run into the re or five fathom, according as you will lye neare or farre from Cat-water.

Torbay, lieth the haven of Dartmouth, which hath a narrow then two fathom. For to faile within the Iland, you may goe entry, lying in betwixt two high lands, upon each fide off the into the eaftwards, or to the westwards of the rock according haven flandeth a little Caftle, in time of warres they were as occasion shall serve. If you wil saile into Hamoase, to the wont to flut it over with a chaine, on the West-side standeth westwards of the rock, then take the founding of the bland in a litle Church on the high land. For to faile in there comming foure or five fathom at low water, and runne in fo by it, untill from the Steart or from the westwards you must run in along that the Visher V. slage (lying to the northwards a little within by the Welterland, fo farre to the eaftwards untill you bring the land) come in the welt fide of the valley on the north floathe kay of the village (that lieth on the east fide of the haven) re, then are you to run through between the Iland and the foreflauges from of the high land) for to row in. Being come in, edge over to the West-fide, before the Bre whouse, and and kor there in ten or twelve fathom, or before the village on the east-fide where you please.

At the east fide off the Range lieth a function Rock, the marckes for to avoid it are thefe. To the eathwards of Dart mouth is a red point, which below by the water is black, and in the red lieth a white flone, when the white flone commeth over the black point, then are you thwart of the funcken rock, well leaderh, untill you come in about the welt point, and ancbut if you fee the kay of the village and doe as before is favd, kor there in fixteen, fifteen, and twelve, or ten fathom. In the then you shall not come to neare that suncken rock to take any narrow it is fifteene, fixteene, seventeene, and also twenty faburt of it.

Betwixt Dartmouth and the fleart, nearest to Dartmouth tenne, and twelve fathom. flandeth a fpire fleeple indifferent high and white, called Tak-

good roade for westerly Windes, betwirt the little Church stucken rock going into Hamoase, either with the flood or the that flandeth upon the high Land, and the point of the fleart ebbe, the t de wil fer them right upon it, if it bee calme. Thein tenne or eleven fathom, to that the point lye South-west refore to avoyd it, men must (with calme weather) give this

Steart lieth a haven, called Salkom, when you come from eafter point of the Paffage way, and then runne in overtowards the Welt, it floweth it telfe open, the welt fide of it is ragged the north floare, untill they have hidden the Iland in he foa good birth, and leave the rockes on the larboard fide: Fur- the Beach of the West fide off the passage way, a halfe cables ther, you may fee the breacks that can doe you hurt. Being length of, and then runne amids the channell into Hamoafe, come within the point, you can take no hurt of neither of both Upon this forefaid function Rock at low water, is not above 3 shoares. Upon the barre or showldes of the entry remaineth at or 4 foot water.

Mymouth of Plymmouth, at the outermost East point of the found water, the n-arckes of them are these: To the callwards off

Eddysone Rock above water, called Eddy-stone. The point of Plym showld, which at low water source fathom deepe. But when mouth lieth from the Eddy (tone north and by east, and north-the point off Hamoale commeth even without the point to northeaft, diffant about four leagues. In the found by the the wellwares off the lland, and the forefaid Tower and mill Land off Plymmouth, lieth a little lland, which is faft to the alloone in the other; Then are you upon the outermost rocke. well fide with a riffe or rane off Cocks under water , fo that where it is at low Water and fpring-tyde three fathom and a men must faile alongst to the eastwards of it, whether they be halfe deepe. bound into Catwater, or into Hamoale, the welf harbrough. If From Kamehead welf fouthwelf five leagues, lyeth Foy, and Gatwater, you will goe into Catwater, then runne in betwirt the Iland, betwirt them on the coaft lyeth a little Iland, a little to the eaft

then into the eastwards betwixt the point of Plymmouth , at d of the lland in 5 or 6 fathom. the forefaid Eaft point on the starboard side of you, leaving the most part the channell on the starboard side of you, until you at the east side off the haven standeth a little Church with a come within the point, and anckor there right aga oft that high little freeple, and on the west side a white Church, somewhat fteepe norther land, there is at low Water with an ordinary greater then that upon the east land, with a square steeple at tyde foure and five fathom deepe.

When you faile into Catwater, you must take heed, and giter, for there lye off to the forefaid point, a ledge off Rocks being come within, then chufe which fide you will, but the under water, neare about two cables lengths from the Land, most water is by the west land, betweene the stakes and the and upon the point of the ledge or flowld, lieth a buye, where Tower that flandeth upon the west land. Being come with-

west point South and by east and Southsoutheast from you and eastwards, leaving (in the entry of the harbour, two third parts anckor there in z or 8 fathom, you shall lye land-lockt for of the channell on the starboard side, as before is said, because South and South west windes. At the northeaft fide of the bay the South shoare is somewhat flat off, there lying a landy bancis also a tyde-haven, before it, it is good anckor ground in fou- ke, which reacheth to the second point of the fourth shoare of

A litle to the eaftwards of that forefaid little Hand, Iveth a Three or foure leagues fouthwards, or to the weltwards off rocke under water, upon which it is at low water not deeper

in the middeft of the entry of the haven, and falle fo in , kee rocke , and to the weltwards off the rock. Within the lland ping the middeft of the haven betwist the two lands, and you upon the land of Plymmouth, standeth a wall or hedge, when mult be every ready with the boat (if there should come any as you see that onendling, and the chappell of the foresayd i ther village commeth to the north-fide off the Valley, and at-water commeth open, then doe you runne over the rocke. stweene the Hand and the maine men may anckor in 12 and 2 fathom

If you bee bound into Hamoafe, you must runne in betwee- Hamoafe. e the Hand and the land off Plymmouth, and then in an iddet ne channell betweene the two Lands, until that the entry off . iamoafe be open, runne then into the northwards as the chanthom deepe, and betweene the Hand and the maine, eight, time,

About halfe a cables length to the eastwards off the Paffage man, that is a very good marcke to know the haven of Darth way going into Hamoafe, lieth a funcken rock under water, called the German, about two great shippes length from the The Ger-The fleart lieth from Darrmouth Southwest distant three shoare and at low water hath not above foure foot water upon men a sualeagues. Under the point of the Steart at the east fide is a it And when men doe come any thing neare this forelayd ken rock. foresaid sur cken rocka good birth, untill they bring the hou-A little to the eastwards of the westermost point off the ses of the Fishers-village, called the Stone house, open of the and the eath fide goeth floping downe, close to the Welt point relaid eather point of the paffage way, for to avoyd a funcken lieth a rocke, or a range of rockes, therefore you must give it Rock that lyeth off to the eastwards from the north point off suncken

thoases. Upon the barrece throwings or meetitry tenianicular and the found of Plymmouth, not farre to the northwards of low water with a frying tyde, not olife then eleven foot water, and again within it is at least three fathern deep.

In the found of Plymmouth, not farre to the northwards of the Meweltone, Jye two or three funcken rockes, upon which sureken. Sixe leagues to the weltwards off the Steart lyeth the found remaine at low water not more then three or foure fathom tocks. lieth a high round rock, called Mewestone, the west point is Plymmouth standetha Tower with a Mill, and to the westcalled Ramehead, betwire them both goeth in the South wards off the forefaid little Hand flandeth a Gentleman hou-Plynamouth North northeaft in, it is broad and deepe. A litle fe, when the little tower or turret off that house commeth oto the northwards of Ramehead is a faire faud-bay, where men verthe point on the west side of the Iland, and the foreig d tomay anckor close under the land, in nine and tenne fathom, wer and mill to the eastwards of Plymmouth come one over Three leagues South a little eafterly from Ramehead, lieth a the other, t en are you upon the innermost suncken rocke or

and the point on the east fide in with the land of Plymmouth, wards of a point, called Talland-point, thwart of West-Louuntill that you fee Catwater open on starboard fide of you, goe we, called Louw-Iland, you mry anckor there to the eastwards Lowland.

the west end of it.

For to faile into Foy, you must have at least a halfe flood, ve a good birth to the Souther point off the entry off Catwa and runne in midft the channell betwixt the two points, and roy. is at halfe flood about twelve foot water, which buye you mult in the Stakes (as you come in by the Weft-land) then beare leave on your flarboard fide in going into Cat-water, and when it fomewhat off prefently from the weft shoare, almost into the

is a deepe docke, where a shippe that draweth fixteene foot or welt and by fouth: from the second or middlemost point; water may lye a float at low water. In the fayd dock may 3 or lye to feawards fome rocks a cables length, or a cables length 4 shippes lye.

If (when you come in by the eaft land) you defire to bee your anckor fall without the stakes, and warp to with hawfers, ry foule and rocky, to that men cannot runne through betwixt

untill you come into the forefaid poole. You may also sayles of sarre in , that you may see a wall on Thippes length to the fouthwards of that wall, it is good lying foutheast, or foutheast and by fouth according as the winde by the east land, being morred by four ecables, there may al. shall be, for to runne cleare of these foresayd. to a thip ride a float that draweth fixteene foot water, Yoy may also sayle further in alongst by that Swach that lieth on the west fide, wherein the mill standeth, but come not to neare the north point of the Swach, for there by it lieth a rock un-der water, being past that you may morre your ship in the middeft of the channell, there is best lying for shippes that draw much water.

Four leagues fouthwest from Foy, lieth the point of Dod man, and two leagues to the Westwards of it lieth the haven of Falmouth. The point of the Dodman is double land with a round hill, which to the Westwards goeth sloping downe fomewhat towards the West end standeth a mill with a sharp tower, and fome little houses upon the land, formwhat to the west-

wer, and tome true moutes upon the month of the work of the month of the work of the month of the work of the month of the work of the month of the work of the month of the work of the month of the work of the month of the work of the month of the work of the month of the work of the month of the work of the month of the work of the month of the work of the month of the work of the month of the work of the month of the work of the month of the work of the month of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the w of from the shoare. For to faile in there to the eastwards, alonst by the forefaid rocke, you must runne in within two cables lengths, along t by the eaftland leaving the forefaid rocks on white Chalkye spot , also a litle wood off trees, keepe them over the North point of the forelaid high West-land, and faile fo right in with them , keeping them fo untill you come neare them, you shall finde fo at halfe flood, that betwist the forefaid Caitle upon the west point, and the easter Castle that flandeth on the east fide, within the haven, over against it, or alittle within the Cattles. When you shall then come by that forefaid high West-land, runne alough by it, unto the northend of the fame, and anckor there in twelve, thirteene, or fourteene fathom. You may also from thence edge over towards the east lind, and anckor there under or behinde the banck, that lieth of from the eafter Castle alongst the middle of the haven, in 6, 7, or 8 fathom: the banck falleth almost dry at low water, and is foft ground, fo that the shippes six in the

of the lawen, in 67,70 is fatnoist: the Galek Acceleration of the Marken, in 67,80 is fatnoist: the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of the Galek Acceleration of Randeth upon, in five or fix fathom, being fomewhat within therock, runne (as before is fayd) towards the West-land. To the westwards of the rock it is in that channel fix and seven fathom deepe at halfe flood, but in the channell to the eastwards of the rock, feven and eight fathom.

Foure leagues fouth and by west from Falmouth lieth the east point of the Lizart, betwixt them both lietha haven,cal-Helford. led Helford, which is little used of shippes. At the fouth side of the haven, lieth a steepe point, and on the north side alow sharp point. Within the haven on the fouth-fide, standeth a Gentlemans house beneath at the strand, and upon the hill ftandeth a tuffe of trees, you mult keepe these one in the other, and runne in foa middelt the channell into the entry of the haven. On the northfide ftand also two or three trees, these co me a masts length to the westwards of a little house that standeth in a white fandy bay, thereupon you may faile in also a midft the channell, it is a fhort in-let, being come within, you may anckor in fix or feven fathom. Upon the fouth fide frandeth also a sharpe Tower, and upon the north side a litle Castle upon the steepe land.

The Lizart hath trees points, the northermoft is called the

middle of the channell, flearest to the west shoare, untill you Blacke-head, from that too the second the coaste lieth fourthcome before the Village that lieth on the West fide, there west and by west, & alongst to the third about westfourthwest, and a halfe of, called the Strggs.

To the northwards of the northermost, or eastermost point

in the forefaid docke or poole, then fayle in untill you come of the Lizart, betwixt Helford and the forefaid point lye some within the flakes, and then edge over off from the eath-land lockes a great league of from the land, called the Mannackles, Manacker until you come nearest the west land ; for to avoyd a Flat, fouth and by east from the Harbrough of Falmouth, and eastwhich lieft by the ealth loar along it the haven, and begin-the chagning the fit houle of the Weft-Village. If it floudd the haven, and begin characteristic and form a show water, and fome of them at high happen, that you could not lead it in with a fayle, then let water remaine uncovered. Betwist them and the shoareit is ve-

He that commeth out of Falmouth, and is bound to the west the welf fide of the haven, where lieth a village behinde it. A wards , must not goe more foutherly with an ebbe the fouth-

## Of the tydes and Courfes of the streams.

In the channel of Winchelly a fouth and by east moone.
At Beachy by the shoares S. S. E. and N. N. W. moone.
In the fareway hwart off; a fouth and north moone.
From Beachy to the Nelle e.n.e. and welf fouthwelf.
At beachy by the shoare before the fewer Clerest, the flood falleth east by

At beachy by the shoare before the feren Cicerés, in uson amount of the county, and de bow and and by norris.

From Wighten beachy is and by N. and may found, hawart of Wight, From Wighten beachy is and by N. and make thill less of the Lumods, a found on the county of the county of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of the County of

In Plynmouth and Foy a west and by south, and east naketh the highest water. Thwart of Foy in the channell an east southeast moone.

A fea-board of Falmouth an east and by fouth, but in the haven of Fal-

bbe wellfouthweft.

Fsom the Lizert to the Dodman, northeaft and fouthweft.

In the channel betwitt the Lizatt and the Steart, thwart of Foy, the flood

falleth eaft and by north, and the ebbe well and by fouth.

### Of the Depths.

Betwixt Winchelfey and Piccardy in the middeft of the channel it is deepe 26 and 27 fathom, upon such depth men may see Fayerley and the land off

Dover wir hout Beachy thwart of the feven Cleeves it is deepe 28 and 30 fathom. In the offinh thwart of Wight it is deepe 38 fathom, in fuch depth mon may

fee the land.

In the channell betwire Portland and the Caskers it is 40 fashom deepe, when it is cleare weather, men may fee the land on both fides; the nearer England the showlder towards the Caskers trist deeped.

The Stears and the land of Dartmouth men may fee them both in five and

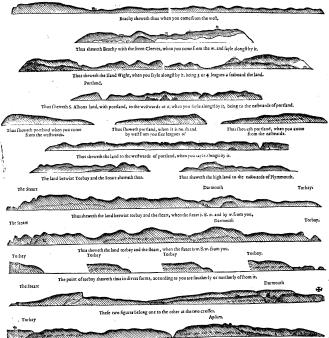
### Courfes and diffances.

| From Wight to Deep extifoutheast                                | 37 leagues   |
|-----------------------------------------------------------------|--------------|
| From the east end of wight to Struyfaert S.E.fomewhat foutherly | 20 leagues   |
| From VVight to the Caskets, fouthweft and by fouth              | eo leagues   |
| From VVigne to the Caskets, loutiliven and by loutil            | - 9 leagues  |
| From portland to Seynhead fourheast and by east 37 or           | 30 Icagues   |
| Common portland on the Caskets fouth and by call                | 13 leagues   |
| From portland to S. Paul de Lion fouthwell and by fouth         | 40 leagues   |
| From porciona to 5.1 and de Elon tomas                          | 25 leagues   |
| From portland to Ushant fourhwest                               | 1 2 leagues  |
| From portland to Exmouth wetinor thweft                         |              |
| From Torbay to Dartmouth fouthwest                              | 2 leagues    |
| From Dartmouth to the Steart fouthweft                          | 2 leagues    |
| From Dartmount to the accast formarchas foutberly               | r vs learnes |
|                                                                 |              |

| The Coast off Ex |  |  |
|------------------|--|--|
|                  |  |  |

| From portland to Dartmouth well and by S 16 leagues                           | From the lizart to Garnfey e. and by S. 37 leagues From the lizart to the Sept Ifles, or leven Ilands, the courfeis S. E. and by E. |
|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| From portland to the iteart well outhwell welterly 18 leagues                 | From the litter to the Septilles, or leven Hands, the courters S. E. and by H.                                                      |
| From the fleart to the Caskets eaftfoutheaft 19 leagues                       | 17 leagues                                                                                                                          |
| From the fleart to the Sept Ifles, fouth and by east easterly - 24 leagues    | From the lizart to Ushant S 29 leagues                                                                                              |
| From the fleart to S. Paul de Lion fouth and by welt 20 leagues               | From the lizzer to Cf. de Pinisterre S. S.w 152 leagues                                                                             |
| From t offeart to Ushant foutwell and by well                                 | And that course goeth about 5 leagues without the cape.                                                                             |
| From the fleart to Ramehead, the course is westnorthwest - 8 leagues          | From the lizare to Tenerific f. f. w 466 leagues                                                                                    |
| From Ramenead to the Iland off lowe w. f. w fleagues                          | From the lizart to Tercera S. w. and by w 286 leagues                                                                               |
| From the He of low to Foy, well 2 leagues                                     | l                                                                                                                                   |
| From Foy to the Dodman S. w 4 leagues                                         | Heights.                                                                                                                            |
| From the Codman to Falmouth w. and by S. and w. f. w 4 leagues                | 5                                                                                                                                   |
| From Falmouth to the Lizart S, and by w 4 leagues                             | Dunnole to the fouthermost point of Wight lieth in 50 degrees 36 minutes                                                            |
| From the fleart to the Eddyftone w. or a little more northerly 7 or 8 leagues | Portland lyeth in 50 degrees 30 minuten                                                                                             |
| From the Eddyllone to the Ramehead n. a litle westerly - ; leagues            | The flearrlyeth in 50 degrees 12 minutes                                                                                            |
| From the Ramehead to the Dodman well fouthwest 3 leagues                      | or as fome will hold, more northerly                                                                                                |
| From the Dodman to the Lizart S.w. 7 leagues                                  |                                                                                                                                     |
| From the Dodman to the Lizzie S.W. 7 jezgues                                  |                                                                                                                                     |
| From the fluart to the Lizart w. and by fouth 20 or 2: leagues                | The lizare lyeth in 50 degrees                                                                                                      |

## How these Lands doe shew themselves at Sea.



Thus showeth Dartmouth, as it is portraved in these two figures, when you are right thwat from it a league Or two from the land, with the land on both sides of it, as well towards to thay, and to the northwards of it.

Thus sheweth the Steart, being north from you 2 or 3 leagues

The Steart being north from you 7 leagues, shewet thus. This open will be shut to when you fayle to the wellwards. This open will be shut to when you layle to the westwards.

When the fleart is northeast from you, it appeareth in this forme, and then the point goeth flat downe.

The land betwire Falmouth and the Lizarrah worth thus when you are before Falmouth,

## The third demonstration.

Where in are deliniated the coasted off England, from the Lizart, and Englands end, to the C. off Cornwall, the Sorlings, and the channell off Briftow.

which is sharpe.

Thus showeth the land betweene the Dodman and the Lizart.

in the bay lieth another high little lland, whereupon flandeth wer, comming fomewhat nearer, you half fee upon the outer-smithstale Callel, called S. Michaels Mount. At the eaft fide off this mittend, in the low land, another fpire tower, thereby is the gue from the land, whereof men must take good heed in dark abouts whitish fand, with red sand, and mingled with shelles.

forefayd rane off Rocks, you must runne in right with the the fouthwards it is narrowest, and tenne fathom deepe: from little lland called S. Michaels Mount, fo long untill you come the northwards it is best and broadest, and eight and nine fawards the Bay, untill that you fee that forefayd little Iland, with the Lands end lieth a funcken rock, which you must avoyd the two litle flort towards at the West point, leave it on the when you faile in there. larboard fide, and runne in close along thro the northwards off Silly lieth from the Lands-end Weltfouthwest distant & lealarboard lute, ano runne in ciole alongit to the northwards on the first forth is very cleane, but leave the Caffle a great wayes on the first board fide, being foule about. Being come within the lead are the Weltpoint; ou fall fie within it a great fandy S. W. and W. and by fouth four leagues from the Lands-end,

winds you lye there landlockt. winns you tye the Lands of Mounts baye lyeth the Future leagues to the Weftwards of Mounts baye lyeth the Lands and Lands end of England, and leth from the Lizart Wefthorth- from the Lands end, and Jeagues caff from Silly, fieth alloa Lands end Lands end the Country of the Lands and Lands end Lands e the Lat ds-end and a halfe league without the land lyeth a func- above water, and is round about indifferent cleane. ken rock, which at low water commeth even above water.

HE Lizart is a low point, where fome Thwart of that rock flandeth a Church upon the land, when you can but even fee that over the high land then are you can but even fee that over the high land. deth a Tower, and upon the high land to wart of the forefaid rock, to wit, even as farre trom the land wards the N. end flandeth another tower as the rock; but when the Church is hidden behinde the high land, that you cannoth fee it, then are you nearer to the land

Thus showeth the Lizart when you fayle along they it.

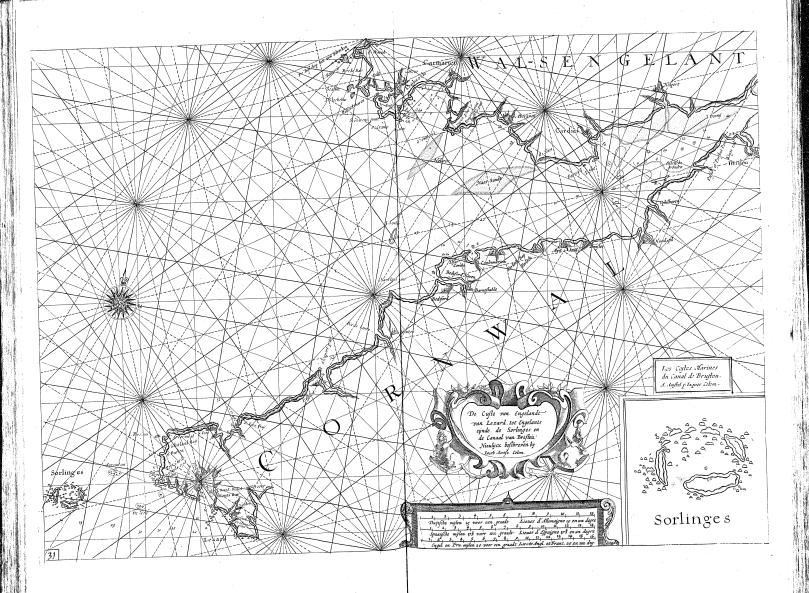
About five leagues northwest from the heur therefore, we wishing the weards held and do you hay, at the well point of that lay lieth a life land, where upon it and two little shore towers like beacons, at the east side you get fight off them you shall see upon the highest a spire to-Baye, lieth a great rane of rocks, which lye off into fea a lea- Lands end reasonable well to be knowne. The ground is there-

wheather; from thence to the fouthward towards the Lizart, From the Lands end unto the C. off Cornewall, or to the the coaft is all along ft full rocks, but these lye not so farm of little lland Bresam, lieth the coast most N. about s leagues.

At the Lands end lye fome Rocks, you may runne in within Rocks of For to faile into Mounts-bay, comming from the Lands-them as well to the northwards as to the fouthwards, and co-the lands end, or from the Lizart, and being to the Westwards off the me to anckor in eight or nine fathom: to come in there from within a halfe league off it, then edge up to the Westwards to thom deepe; buth on the left side close to the north point off

baye, anckor there in seven or eight fathom. Ealtsoutheast and and northeast and by east, and eastwortheast, almost 3 leagues foutheast winds doe blow there right open in , for all other from Silly, that is , a rate off rocks which come not above water, but allwayes breaketh upon them.

Silly is divided into divers Ilands, alongst the West side



channell, lieth a funcken rock, men may goe in on both fides and queen fiels, with fome peeces of thin fiels C'annell, heth stuncker rock, it is broadled and belta. The read of it, but to the catiwards off it is moved to the cativards off it is moved to the cativards of it is moved to the cativards of its feet to the cativards of the forefail is interested in the cativards of the forefail funds of the cativards of this forefail funds of the cativards of this forefail funds of the cativards of the forefail funds of the cativards of the forefail funds of the cativards of the forefail funds of the cativards of the forefail funds of the cativards of the forefail funds of the cativards of the forefail funds of the cativards of the forefail funds of the cativards of the forefail funds of the cativards of the forefail funds of the cativards of the forefail funds of the cativards of the forefail funds of the cativards of the forefail funds of the cativards of the forefail funds of the cativards of the forefail funds of the cativards of the forefail funds of the cativards of the forefail funds of the cativards of the forefail funds of the cativards of the forefail funds of the cativards of the forefail funds of the cativards of the forefail funds of the cativards of the forefail funds of the cativards of the forefail funds of the cativards of the forefail funds of the cativards of the forefail funds of the cativards of the forefail funds of the cativards of the forefail funds of the cativards of the cativards of the forefail funds of the cativards of th to avoid this Rock, are two rocks which lie on the west fide ground off, is the best, it is in the height of about 49 degrees. or the northermost a little to the castwards of the fouthermost thom, there the ground is white, gray, red and yellow fine final or the fmalleit, fo that you may even see through between shelly fand, with little red and white peeces of little shels, to or the imaliet, to that you may even tee through netween theiry land, with interestant wince peeces or ince incest to them, and farly for right in, keeping them for, southfall fo faile fear enough to the eathwards of the rock. If you come from the fourthwards or the wethwards, and are bound into Silly, 'Mhant in 8, or refathou, there the ground is white and yel. Valuari, then runner towards the eath-land fo long untill you bring the low, final finely fand, mingled with many gray crompeld little two foresaid rocks within the haven, one in the other, or even things, like needles. of the sconce. At the inner point of the Iland, at the east side long sand, mingled with an red and yellow, and some glistering of this fouther channell, lieth another funcken rock, where of litle things like needles, with two or three peeces of white men must take heed. Forto avoid it, you must run so long grayshels. If you goe on from thence northeast and by north, to the northwards, upon the markes of the forefaid two rocks, untill you come in 35 fathom, there the ground is yellowish, to the northwards junto the Mass of the forthwards the courfe finelly fand, with white peeces off finels, then you to the eaftwards, unto the Bay, and anckor there in eight or may fee Silly lye nine or tenne leagues north or formewhat to the estimates, unto the Day, and an existing the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Silly is fomewhat frong with fome red fhels.

Of the depths and many forts of grounds before and in the channel betweene Silly and Vishand, and thereabouts.

deep 7s fathom, the ground pale, white courfe fan like finall pediaters with thought the ground pale, white courfe fan like finall pediatering like though sthe receilers, there come fall in for freeted lite frones, with like precess of gueeness fields with gray the lead lite things like final thraws. If you goe on northeast flat litle stones, & white glistering needles, saile from thence n. from thence, you shal sal vvith the Steart.

gray crompeld things, and some finall with glittering points with one or two little gray crompeld things like needles, gray correctles. If men did finde there 70, or 80 fathom, they 2 or 3 little precess of little with fields.

me may be reen fee the Sheets from the poop, with clare the real manner of raged floors, gray and balke vivide fight, it is 14 fathom deep; the ground is red, yellow, white fight, it is 54 fathom deep; the ground is red, yellow, while and black peeces, like parings of cheefe, and a little courfe red from the Lizart, it is deepe fixty two fathom, the ground

tion, the ground it write years with the ground in the real main including and the first plant in the first plant in the first plant in the first plant in the first plant in the first plant in the channel.

Twelve or thirteenelesgues well from Silly, or fomewhat Silly, it is deep lixty faithom, the ground is gray & more northerly, it is deep lixty faithom, the ground is gray &

thin shels, with some gray flat ragged stones.

in 78,01 8 ., fathom, the grounds is white and yellow course as there, whereby men may well know that they areon the fand, with final glittering needles, with white needs of the sake did of Silly or England, to wit, welf from Silly a queens shelt and gray and yellow flat thones, and little peeces

Welf from Silly 2 leagues, it is oasie gray sand with like as it wers of Oyfter fhels.

West and by south from Ushant 21 leagues, in 68 fathom, the ground is red, yellow, and black, mingled with a litel
white round mall fand, like fiely fand. But in 8 o fathom,
with litel fiels, & little gliftering white things like needles.
21 leagues welt and by fouth off from Uhant, the ground is
Nine or ten leagues fouth and by welt from the Lizart, in like ends of fmal rie-

Vihant In eighty fathom 24 leagues from Ushant west and by fouth, men finde rough great fand, with many forts of shels, red, White, yellow, and gray, with peeces of queene shels.

Eight or nine leagues from Vinanti it is deepe 70 fathom, the ground red, white yellow and gray fielly fand, with red, yellow, and black peeces off fhelles, & frant red yellow, black, red and the red yellow, black, red and the red yellow, black, red and the red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, black, red yellow, nd gray ftones, with fome fmal white things like needles.

for to fail lieth a great multitude of rocks, men may goo in there | 50 fathom wellfourhwell from the Lizart or thereabours, it is a man sally chrough divers channels or founds, but the fouther channel is | deepe 9 fathom, the ground red, yellow, and black faind, with the belt. About the middledt of the entry of that found or | final white recound flesh| faind, and form little person of the little |

within the haven, the one (to wit the innermoft) is formewhat greater then the other. If you bring them one in the other, Vihant, and fouth and by welf from Silly 2 1 leagues in 8 o fa- Vshant

through one another, faile then fo in, and then you shall runne (as before is said) cleare of the foresaid suncken rock, thwart in 90 sathom, the ground is simal white rough, and somewhat

is gray and red shelly fand, there commethalso on the lead a litle peece or two of white or gray queene shels, with yellow

and red peeces of fiellow, also peeces off perriwinckles.

Nine leagues northwest and by north from Vshant, the yshane. Southwest and by south from the Seaws feven leagues it is ground is white and yellow rough shelly sand, with gray crom-

nat the tones, & white guitering needles, late from tenence in trouverse, you may a vivin in the Seatt.

About two leagues fouthwelt from the Seams it is deep the from the ground there is white, yellow rough, & forme - 3 kindom, the ground there is white, yellow rough, & forme - 3 kindom, the ground there is white, yellow rough, & forme - 3 kindom, the ground is white yellow and red final rough and red final rough and red final rough the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the pr

Nineteen leagues N.N.W. from Vibant, & 12 or 13 leag. Vshant, Would judge it to be good channel ground.

Wefffouthwelt from the Scames, fo farre from the land, as

S. S. W. from the Lizart, it is 68 fathous deepe, the ground is Lizart.

Wefl and by fouth 8 or 9 leagues from the Seames is 65 fa- is withe and courfe fielly fand, with white and gray cromthom, the ground it white yellow, with a litle red finall fielly peld litle things, like needles, with white peeces of fiels, and

tungs ince poyues or accuses, note as men much incending in accusing a first patient, and ground a gain.

Seven leagues fourthweft from Ufhant, or thereabours, that oafic, mingled with final back fand. In forme place of the fame men may even fee it from the poop, having cleare fight in depth its vohite gray, oafic final fand, with peeces off thin 70 fathom, there the ground is white and yellow courfe fand White fields amongst, with a litele peece or two like parings with some peeces of queenes shelles, and some peeces of white of cheese: this ground cannot be gotten up with candle tallow, um tome peeces or queenes menes, and tome peeces or white of the day with former gray flat ragged flones.

Southweft and by welf from Ufhant about 19 or 20 leagues

butter. In thefe depths you have no where fuch oafie ground

> West from Silly 7 leagues, it is oasie gray fand with 2 or 3 Silly. little peeces like parings of cheefe.

Seven or eight leagues fouthfouthwest from the Lizart,

White round fmall fand, like fielly fand. But in 8 o fathom, a least set of the first of the first from Othats, the ground is yellow and fielly, with fome gray and crompeld litle needs for first from the Lizart, in yellow and fielly, with fome gray and crompeld litle needs of first fat from a like parings of heefer, with fome red preces of shels, without any fand therein.

Southwest and by west from the Lizart, and S. S. W. from Lizart, hitte, yellow, and gray, with pecess of queene files. Stilly 1 seagues in 5 deep 78 fathom, the ground gray, yellow, and the ground gray, yellow, and the ground gray, yellow, and blue pieces of From Unant weit 10 or 17 leagues, 10.75 fathom, the jow, and red meny janu, with red, yellow, and note pieces of ground is white and yellow courte fand, with precess of thimse helds with queene shels, and a piece or two like parings of White finelles, & gray peeces of queenes theles, like as it were cheefe, or like of pieces Oyfter shels, with alfo two or three of Oyfter fhels, white final white gliftering things like needles. gliftering little things like needles, in the height of about

nd gray ftones, with fome final white things like needles.

Light and forty leagues welt and by north from Vihant and with many forts of little ftones, and gray little pieces like pa-

maggots that are in Bakon.

fhels, with red gray little ftones.

things, and little itones.

A great kenning S.S. E. from the Steart, it is deep 40 fathom, the ground red fandy clay with pits in the tallow.

wingled with white little things, then is he nearest to Silley.

Marks of Hee that foundeth thwart of Vshant, and findeth small

Marker of Hee that ioningent inpart of visions, and mostly lines and earthorized contains pregues.

Value & white fand, and little shels, and final little things colled and He that will fallefrom Londy to Brillow, mult run alonght with the content of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of t or elfe if he finde the ground to be great red fand, then he must Hethat commeth off from the Naes, and is bound to Brifland to the northwords, untill that he finde the white fandy flow, must flandover to the Seepholme, and run alongfl to ground, and long fmall things then he may hold himself certithen wards of it. It lieth from the Naes e. f. c. about 7 leagues.

the Cape men may faile through.

or fixe leagues. Saint Yves lieth upon the weft point of a great | fet the Flatholme (when you are paffed it ) fourthweft from Bay, which is about two leagues broad. At the east point of you, and keepe it flanding, so untill that you shall have failed the coaft towards Stoupert or Padflow, muft keepe off (thwart | land commeth to the weft end of that forefaid lland, you shall

17, or 18, tempes, oct with them both about home wayes near 15, you may not come receptant count cuteful 12. I attack.

18 somet the point of Stoopert, to the eathwards off it light Paddow, a Bay, where is a very good road in 7, or 1, fathom. At the 2 before you can have the lead again, you shall fit fait, along it along the country of the stoopers. welt fide of that point lieth a funcken Rock under water, from Flatholm till you come to Briftow. About Passis point and upon the point a greating it does, to the vertical so that the objects in high road which is determine point towards. S. Yves, are many white fauly and chalky the river of Briftow, decreft the river there is good clay ground when the shoars, thereby the coalt there is very good in 8, or 9, fathom. They that are bound into the river are to be knowne.

from it lieth the lland Londey, which is formwish a long the Kiver of Briflow, a faire river to faile into.

Hand, it lieth molt north and by W. and S. and by E. At the Fort of faile from Briflow to Londey, you must goe away eaft fide of that Iland men may ride for welterly windes in from Paffis point weltfouthwest untill that the Flatholm doe

Biddeford Four leagues to the eattwards of Hartland point caus love and most open the bigh land, foutheaft from the fouth end of Londey, lieth the found from the other, to wit, that which standethupon the high land, foutheast from the fourth and the other two files then in dwidth it felfe into two rivers , upon the weltermoit wheele of it, and being paffed it, goe then forth wellfounds to the Harborn fide keth Biddeford, and upon the cafter-weltung the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the

rings of cheefe, with some crumpeld, and some not crumpeld, | most on the Jarboard side lieth a town called Barnestable, bundable bat litte gliffering things like needles, and little things like | From the point to the northwards of Biddefort Haven, unto Ilfercombe the course is E. N.E. foure leagues, that is a

Southfouthwell from the Steart, 16 leagues, in 53 fathom, haven where remaineth at low water 3 or 4 fathom depth. Bethe ground is white reddift fielly fand, with pieces of queene fore the haven is also good road, in 8 or 9 fathom at halfe flood. Eleven or 12 leagues to the eaftwards of Ilfercombe, lie Hercomb Southwest from the Steart 8 leagues, it is deep 40 fathom two little Ilands, about two leagues north and fouth one from the other, called the Holmes, the northermost is called the

the ground gray and requesty must.

Southfouthweft from the Steart, 13, or 14 leagues, it is Elathom, and the fouthermost the Stepholm, betwist lifer-tabbolae deep 47 fathom, the ground pale muddy fand, with little long comb and the Holms formwhat nearer the Holms then lifer- Seepholm fhips do lade.

In the fareway betwist Ilfercomb and the Holmes, on the Southwell eleven or thirteen leagues from the Steart, in English fide, on the one fide, and the bankes on the Wellh fide fifty fathom, the ground is white and yellow small shelley sand, on the other fide, in the middest of the channel it is deepe 30, with fome pices of whitefels, with gray and cumpled, and 15, 0, 18, 15, and 17 fathorn, the nearer the Holmes the allo gittering lite things like needles. In the, he that foundeth | thought water. When men come from the weftwards within much, getteth many and divers forts of grounds and fomethe land Londey, then they may fee the Land on both fides, times great change in little change of diffance of place, But to wit; of England and Wales. The English coast even from the he that foundeth and findeth whiteshels, with little things C. of Cornwall to the Holmes is altogether cleane, but the like ftrawes and needles, it is certaine that he is nearest to coaft of Wales is most all foule and flowly, from the Iland Vshant: but if he finde brandy ground, or blacke little ftones Galdy unto Briltow, with many bankes, fands, and riffes that

white. Ushant shall then tye N. E. from nm. He more ong by the Englan Goat, sumin that accome within the polar of finall little things like usedles, then shall Ushant lyes. Efrom the Naes, for to avoid Naes-fand, and then forth alonght him. But the be not fire of their grounds, then be shall beare through between the Holmes, leaving the Steep-holme on the contract of the shall beare. to the northwards. And if he finde deeper water then he is to-ftarboard, and Flatholme on the larboard fide. Men may also wards the Seams, but if hee finde it showldy, then he is in the with little ships, of little draughts, faile about to the S. wards wards the beams, but it nee mude it snowing stem her in the with little supply of the Chamell to the northwards of Usant. If he of the Steepholme, but it is there of shouldy, that there her goad me between Usant and the Stems in you call the more than a fine of the Chamell to the northwards of Usant. If he of the Steepholme, but it is there of shouldy, that there here goad me between Usant and the Stems in you call on, he shall find; maineth at low water no more then 2 fathorn water. Under der deep deep the the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the the ground to be small little stones like blak sand of the earth: Steepholm men may anckor where they wil, in + or 5 fathour. boling

For to faile through between the Holms, the right and best For to fail

tame to be in the entring of the channel.

From the Lands-end of England to the C, of Cornwall, the freeway, you must liale nearest the fide of the Platholius, there beeven coall lich horsthabour J league, but Sily and the forefaid Ca-i it is deepelt, with an open wind men may along pe lie fouthweft and northeaft diftant about 9 leagues. By the neare by it without any hurt, that they may call with a ftone Lbrefam Cape lieth a little lland or Rock, caled Brefam, betwixt it and upon it. Within, or to the eaftwards of the Holmes, lieth shoting off from the eaftland, a great showld, lying off with From the Cape of Cornwal unto the litle Towne Saint a great taile towards the west, which (comming from the s. Yes. Yes, licth the coast about east and by north, and E. N. E. five with men might easily faile within. For to avoid it, you must the Bay lieth a little lland, there lieth off from it a great ledge about a great league, looke out then for a little lland, that Market of the pay neur a neur ratter ratte, there neemed from a given teory apour a great rengue, sooke out their for a letter ratter ratter. The safety of forces, a great halfe league thwart off into feasy-berred many shall then at the east shore lie neure about themset my on, integral of them come, at halfe, obey above water, therefore he that upon it flander two mils, and above upon the maine land ground. commeth off from the Cape of Cornwal, & wil faile alongst standeth one mill. When the mill that standeth upon the high of this ledge) at leaft a great league from the shoare, because bee past the foresaid taile of the English grounds, and cannot of the forc faid rockes. Betwixt that forc faid litle lland at the faile within it, goe then eastnortheast alongst by the English ealt point of the Bay and the maine land, it is also at many grounds, which are flat, so that you may faile along they them places rocky and foule, so that one that is not there very well upon your lead in 3 or 4 fathom so neere as you will. When acquainted, may no to faile through there without great then the mill that standeth upon the high land, commet he danger. In the Bay of S. Yves is on both fides good fandy tweene the forefaid two mills which fland upon the litle lland, uager. In the Day of 5. 1 vests on both the Sedo and pleateness to refer the to remark that a sum upon the firet land, ground, where me may anckorall over, and come fo neare the shades at bully one follower part the English grounds, much boldy towardes the English coalt, and fo clofe along they the shaders at they will. At the Welf fide of the Bay at the boldy towardes the English coalt, and fo clofe along they try. Towne, is a head where smal shippes and Barkes doe goe in as you please, towardes Passis or Portshut point. From the within it, and lie there fuccoured for northerly windes, but | Flatholm to Paffis point in the right fareway, it is deep 14 and great ships may not doe fo, they must anckor without in fix or 11 fathom. The Welsh fide you must shun, and take very good heed of it, because it is very uneven and full of steep bankes From S. Yves to Hartland point, the course is northeast that are needle to, which at many places do fal dry at low wa-17, or 18, leagues, betwirt them both about halfe wayes lieth ter, you may not come neerer that coast then in 12 fathom, and upon the point a great high rock, to the weltwards of that men do anckor in Kings road which is between the poynt and rings

brought in by the Pilotes. Men may from thence also faile in Hartland point is a point that lieth out, 4 leagues north along thy the coast to the River of Severne, which is also like

14 and 15 fathom; but on the welf fide the ground is foule. | come to be are four hwelf from you, or cls until that the three Foure leagues to the eaftwards of Hartland point eaft- forefaid mils upon the fouth laud doe ftand a like farre one of Biddeford, being a broad haven, where many shippes doe fland in the middeft betweene the other two, faile then doe faile in and out. A litle within the mouth of the haven, right with the Flatholme, and very close along it to the fouth-

lie many fands and bankes, which fall drye at lowe water, and unto Daleroade, there it is good lying in three fathom and fo that they make men landlockt for northeast and east winds. three fathom and a halfe at low water. When men come a little Hee that is bound into the roade before Cardieff comming within the fouth point in the open of Milford haven, there from the west, must runne in betwixt Flatholm and the point lieth a little Hand or rock like the Mewstone by Plymmouth, off Cardief, lying somewhat to the southwardes of Cardreff, being past that, a little they may run to the southwards, into a and being come about the point, then to the northwardes up alongit by the shore unto the road.

and being come about the point, then to the northwardes up along the short the short the westwards of Milford-haven lye two little short.

A little to the westwards of Milford-haven lye two little short.

northwest, then afterwards fouthwest, or fouthwest and by Wales alongst northeast unto Cardygan. west, and so maketh a great bay betwixt the Naes and Wormes head, where there are very good roads for weft , north, Iland Scaline, and 3 leagues fouthwards from Ramfey, lyeth

northeaft, and eaft winds.

and westfouthwest at least five leagues into sea. From Worm gers thereof, you may reade in the description off Ireland. Helwise fined likewife lyth of a banck which is very fleep, called Hope with his Clarks, these are rockes that lie off to the N. offsteet wix; about four leagues southouthwest, and fourthwest and by fouth into sea, they that come from the eathwards, and will wards and southwest wards of that lland a good way to sea. A substantial wards and southwest wards of that lland a good way to sea. A substantial wards and southwest wards of that lland a good way to sea. A substantial wards and southwest wards of that lland a good way to sea. goe to ryde in the Bay betwirt the Naes and Wormeshead, bour s leagues north W. or somewhat northerly from Ramsey the Naes and Naessand, likewise they that come from the about foul, with many funcken rocks. He that cometh to faile weftwardes, and are bound in there, may run through close thereabouts, or to lye by, must take very good heed of them. alongft by the point of Wormsfhead and the Helwix, it is be-twist them both about an English mile broad. He that cometh out of the fea, may come in betweene the forefaid fandes or northwell distant 16 icagues. banckes, it is there wide and broad.

Wormshead is a point lying farre out, to look to a farre off allmost like the Oldhead in Ireland , but it is above or under , & goeth floping downe towardes the north, it hath many white chalky spots, whereby it is very good to bee known.

About foure leagues to the weltwardes of Wormelhead Caldy, lieth the litle Iland Caldy, where upon standeth a white Tower, flewing off at fealike a white faile, which is fet there for

to know the land by. Betwixtthis Iland and the point off Wormshead, the land falleth a way with a great bay to the northwardes, unto Carmarthen and Tinbuy, in this Bay it is all over good anckor ground for to ride. On every fide of the Hand Caldy men may alfo anckor, and have thelter for all windes. A litle to the

allo anckor, and have fleder for all windes. A little to the northwards of Gally their a rance of inches rockes, call in the Wullox. Flee that will faile about to the eaftwards off the Hand, to the Tinbuy, may runne clofe about by it, up to the Hand, to the Tinbuy, may runne clofe about by it, up to the Wullox flee that will faile about by it, up to the Wullox fleet have shown the Halm cowards frithow between the Halm cowards frithow, and the Halm cowards frithow, the fleet of Halm with the Halm cowards frithow, the fleet of Halm with the Halm cowards frithow, the fleet of Halm with the Halm cowards frithow, the fleet of Halm with the Halm cowards frithow, the fleet of Halm with the Halm cowards frithow, the fleet of Halm with the Halm cowards frithow and the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the Halm cowards frithow the H leaving them on the starboard fide, or elfe he may runnea- and by east. longft also to the estwardes and to the northwards of the sunken rockes leaving them on the larboard fide, and fo then alfo to Tinbuy, and anckor there before the Towne in five or fixe fathom. To the ealtwardes and to the northwardes off the forefaid rockes, it is also a good anckoring in fixe, feven, or eight fathom, it is there all cleane ground, and farre of showld water. Men may also faile through to the westwardes of the Iland Caldy, (which is between the Iland and the point of the maine land ) to Tinby, but it is there narrow, yet cleane.

River off and deepe enough. The River of Garmarten lieth from the Iland Galdy northcast and by north distant about foure leagues, the channell for to faile in there, lieth in eaftnortheaft, on the eaft or the fouth fide lieth a great Banck which lieth of farre from the sho-be-over the showldest of the barre, there is upon it at halfe flood about foureteen foot water, and being over the barre it will be againe foure fathom deepc, or thereabouts, then they may run in forth alongst by the fouthshore, by the lead, untill they come within the river.

Foure or five leagues to the westwards of the Hand Caldy 5. Gawens lieth S. Gawens poynt, the fouth point of Wales, by fome called the white point. About halfe an English mile fouthfouth-The Crow well from the point, lieth a funcken rock, called the Crow, whereof men must take heede.

About 3 leagues to the northwardes off Flatholm lyeth the Two leagues to the westwards of S. Gawens point liet hallford-Town Cardieff in Wales, being a tyde-haven, before it is a the haven of Milford, a broad and wide found, lying in at the haven. good road, as well for shippes that are bound to the westwar- entry N. E. in, being come in within the points, men may goe des as tho the eaftwards, where men may lye landlockt almost up to the northwards, eaftwards, and fouthwards, unto divers for all windes, to the eaftwardes and to the northwards off it places and roades. About by the north point men may sayle

Close up to the point of Cardief, to wit, to the westwards Ilands, the southermost is the smallest, called Stockholm, and Scaline. of it, lye two litle Ilands, the one next to the point, is called the northermost Scaline. About 2 leagues N. N. W. or N. Silye, and the westermost Barrey: betwixt Silye and Flatholme W. and by north from thence, lyeth the Iland Ramsey, there lieth a rock, foutheast and foutheast and by east from the point, betwixt them hath the land a great Bay, called the Broad-bay. which must bee avoyded when you wil faile through there un Ramsey lieth at the north point, and Scaline, at the fouth Ramsey. to the roade of Cardief. When it is high water you may faile point off the Bay, there in along the flore is good riding for over all that which at half ebbe cometh not above water.

point off the Bay, there in along the flore is good riding for over all that which at half ebbe cometh not above water.

point off the Bay, there in along the flore is good riding for over all that which at half ebbe cometh not above water. About five leagues west from the point of Cardief lieth the thom. Upon the North point of this Bay lieth a litle Towne, Naes, to the westwardes of it the landfalleth away first about called S. Davids, to the northwards of lieth the Coast off's. Davids,

About two leagues west and by fouth to seawards from the that litle Iland Grasholm, which is a round cleane rock, and Grasholm From the Naes a litle from the shore lieth a great bancke, about 4 leagues of from it lye also two litle Ilands, which are called Nacffand, which lieth of from thence welt and by fourh, fowle, called the Smalles. The lying of them, with the dans Smals;

runne alongft close by the point of the Naes, through betwixt lieth another great rock, called Mascus, which is all round Mascus?

### Of the tydes and courses of the Streams.

In Mounts-Bay and at the Lands-end of England, a welflouthwell and eaft-

orthead moon maketh high water.

In Silly a fouthwest and by west moone maketh ful fea.

A feaboard of Silly in the channel likewife a fouthwest and by west moone.

In the entring of the channel la fouthwest and not the sit moone.

From Silly to the Lizart the flood fallest hortschalt, and the chbe fouthwest.

From silty to the Lizart the flood faileth northealt, and the ebbe fourhwelf, flewirth Silly and Londay the found faileth northealt, and the bebe S.W. In Silly a fourhwelf and by welt moont maketh high water, On the coast of England betwirt the Cape of Cornwal and Hartland point welfouthwelf, and welf and by fouth moon maketh high water. Thwart of the Illand Londey a welf and by fouth, but on the Illand an eaft

and weft moone.
At the Hand Londey, and at the Holmes, an east and west moone maketh

high water. At Briftow within, a west and by north moone maketh ful sea.

### Of the depths.

Silly men may fee on the foutdein is a fathon, and the ground there is leavy with, ome red shelts. The lands end of for figuration is a fathon, and the ground the red is leave with, one cred shelts. The lands end of for figuration that was 160, and 41 dathom, there the ground to office, with form clittle flones among the contract of the ground to office, with form clittle flones among the was the caller not they shall fee a tower, or indic caller to the culture upon the caller not they shall fee a tower, or indic caller to the culture high black reduces the caller we will by reducing all to the well-stand three high black reduces high black reduces the land to the well-stand with the contract of the shall off that men can fact reget say of the ground the sails and off off that men can fact reget say of the ground the lands and of faughted and Londery in the faceway, it is 45 fl-moder, the land off Cornwall, men may fee in 44 sharpers, Stoupers, can have a form of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract

or knowne. In the channell betwire the Holmes and Briftow, it is deep 11, 13, and 14 fathom, men may fee the land on both fides. Vpon the coaft of Wales aboud Milford, and to the northwards of it, men may for the land in 42, and 45 fathons.

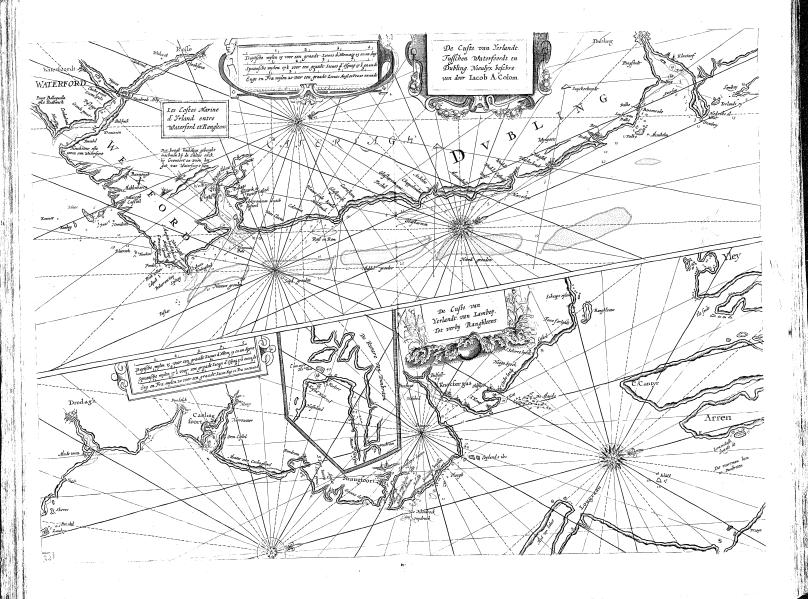
## Courfes and Distances.

From the lizare to the lands end westnorthwest, From the lands end to filly w. f. w.
From the lands end to filly w. f. w.
From the lands end to filly w. f. w.
From the lands end to the Gulfe, the courfe is w. and by N.
From the lands end to the Gulfe the courfe is S.S.W. From the lands-end to the Guire citie court.
From the Gulfe to Silly weft
From Silly to the Caskets eaft formwhat foutherly,
D 2

| The Coast off England from the Lizart,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | and Englands end, to the C. de Cornwall,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
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| From Silly to Ufhant, the courle is foutheast and by fouth.  From Silly to cape de Finisherre, fouth and by west wetterly  150 leagues 40 leagues                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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| From Silly to the cape of Cornwall northeaft 9 leagues From Silly to the cape of Cornwall northeaft 7 leagues                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | From S.Gawens point to Middord haven normwell and by normal spaces From the Iland Scalie to Kamfuy northnorthwell as leagues From Londay to Milford north and by weft and northnorthwell 12 or 13 leas-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| From the cape of Gornwal to S. Ives ent and by east gleagues From S. Yves to Stoupert point, northeast and by east gleagues                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | From Londay to Millord north and by well and northwest 12 of 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| From Stoupert to Hartland point northeall and by north   1 leagues                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | gues From Milford to the cape of Cornewall fouthfouthwest From Milford to Silly fouthfouthwest, and fouthwest and by fouth 40 leagues                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| From Sill's to Waterfood north, forewhat wellesty  by legace from Sill's rote legacy of convaul northeal from Sill's rote legacy of convaul northeal from Sill's rote legacy of convaul not sill year from Sill's rote legacy from Sill's rote sill year from Sill's rote Soupert poin, northeal and by onth year soupert to Hartland point northeal from Sill's rote sill year from first Year to Hartland point northeal from first Year of Convaul Ind. year from first Year of Convaul Ind. year from first Year of Convaul Ind. year from first Year of Convaul Ind. year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year from first Year | l l                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| From Hartland point to the Hand Londey north<br>From the cape of Cornwall to Londay northeaft and northeaft and by north                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Heights.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 27 leagues From the cape of Cornwall or Milford in Wales northnorthealt 32 or 33 leag. From Silly to Milford northnorthealt, fornewhat earlierly 40 leagues From the cape of Cornwall to Waterford N.N.w., but from Silly north and by From the cape of Cornwall to Waterford N.N.w. but from Silly north and by All Congression controls with the cape of Cornwall to Waterford N.N.w. but from Silly north and by All Congression controls with the cape of Cornwall Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congression Congres | The fouth fide of Silly lyeth in 50 degrees , or a little more                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| From Silly to Millord normal to Waterford N.N.w. but from Silly north and by From the cape of Cornwal to Waterford N.N.w. 40 leagues                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | The cape of Cornwal lyeth in 51 degrees 25 minuten Londay lyeth in 51 degrees 20 minuten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| well, fomewhat northerly well, fomewhat northerly 40 leagues 40 leagues                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | the cromes sye in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| welt, fomewhat northelly From Silly to cape Cleare in Ireland nortwelt and by north From the welt end of Londey, to Biddeford califouthealt From Biddeford to Ilfercomb calinor thealt  4 leagues                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Milford in 11 degrees 50 degrees 52 degrees                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| From Biddeford to Iltercome calmorment  How these Lands doe she                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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| Mounts bacy.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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| Thus I heweth the Lizart bein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | g eaft from you 4 or 5 leagues.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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When the Hand londay is n. n. w. from you it sheweth in this forme.

When the Iland londay is north from you, it sheweth thus.



The entrance of Ilfercoomb



The Nacs. Cardief.
Thus sheweth the land of Whales from Cardief to Wormeshead.

Thus showeth the coaft of wales between the fland Caldy and Milford-haven, when the northermost is northnortheast, and the fouthermost is eastfoutheast from you, and that you may but even fee it from the people.

The land betweet Tinbuy and wilford showeth it felfe thus, when you fayle alongit by the land, as is postrayed in the a figures, as the A A belongeth one to the other the foire of the tower of Tinbuy is very white.

Tinbuy.

S. Davids-bay. The land from Milford point unto the point of S. Davids-head, showeth, 28 is portrayed in these 2 figures

From Millord to Tinbuy, men faile alongth by the coath, about 4 or 5 Points, it is mod plaine land, like that-fuls. About two leagues to the weltwards of the point of Tinbuy, funded a fpine tower, with 2 other fmall flat little towers more, whereby the coath the rabours is good to be known; to good to the found.

## The fourth demonstration,

Wherein the foutheast and east coast off Ireland is described betweene Waterford and Band-haven or Rangleens together wither with the coaftes of Schotland lying over against it.

Rom the Lardes end of England to Waterford, the roade in foure or five fathom, a league within the rivers mouth course is northnorthwest with that course you shall there lyeth on the west side a steepe point , from thence belieth a faud banck of forty fathom deepe , where commonly a little to the northwards of the forefayd fleepe point.

Fiftermently to fifth, that is certaine marck of the dithance off Betwixt that village, and that point on the welf fide a good

that is not find more in three toppes, being called Cape (Agin, or impact) and that looked for it, may feet; it is also flat that a man wing it fells were proposed in the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the Waterford, therefore comming out of the fea, and that mounterford. thal without fail fal right with Water ord.

tested. The have of Waterford bytch about five leagues to the well-wardes off the fourheast point off Ireland, being called Carnaroort, the coal between the Hand, with each at the Hand, being called list his distance that the Hand, being called list his distance that and welf-outhwest and shewethis telle in the offing, within the land, with high filles round three double one above the Responsibility of the Hand, with high filles round the responsibility of the Hand, with high filles round the responsibility of the Hand, with our avoid the responsibility of the Hand, with our avoid the responsibility of the Hand, with the land, with the land, with the land, with the land, with the land with the land with the land, with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with high lines round the land with the land with the land with high lines round the land with the land with the land with the land with the land with the land with the land with the land with high lines round the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land with the land wi other, but by the fea fide it is all lowe land, where you may fome funcken rockes that lye at the north end off the great

tenford off Waterford, which you may fee farre off at fea, and is a men were wont to goe over on foote, but now may faile over, perfect mark too know this haven by, there fland divers more | For to faile betwirt the Saltees and the main land, you mult flatte Towers to the weltwards along it the coaft, but this is leave two thirds of the diffance of water from the Ilands, and better to be seen then all the rest, because it is white and one third part from the maine, and you shall have at low water

fall right with Waterford. But from Silly to Water- ginneth ashowld lying to the northwardes alongst the shore ford, the course is north and by welt, somewhat unto the steep poynt off Passage, and shooteth over from that northerly forty leagues: betwice both it is all oasie, and poynt with a tayle, towardes the east shore. Passage is a vilfoft ground. Nine or ten leagues in the offing from Ireland lage where men palt over, lying on the well fide of the River,

the land, when you finde it, in cleare weather, and when there roade very fit as wel for them that are bound out, as for them is good fight, then you may fee the high mountaine off Don-that are bound up. In fayling up you must take heede off a little should, that lyeth off by a cattle (standing on the east side of Betwirt Jochull and Dongarvan within in the land, lyeth the River) formwhat thwart over, the river downwardes, at that faid high mountaine farre above all the other Land, flethigh water there is no more then two foote water upon it, a

Waterford, therefore comming out the rad and that has been good to be the rad and that has been good to be the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad and the rad

Outer, out by the sea meen is not now send, where you may home and send not seen any sea the norm of on of the great fee many flat Towers upon it, as you fully along thy it. This all point off the haven is a low rock point, but it is cleane, all the most norm to morthermoit or finallest Hand off the Safees of upon it Handeth a high white fat Tower, called the Tower, called the Tower along the morthermoit or finallest Hand off the Safees and upon it Handeth a high white fat Tower, called the Tower to rowarde the main cloud, yeth off a lodge off rockes where

higher then the other. The well point is a high and fowle poynt, there lyeth alhowld fourthfour heaft off into fea, from About a half league without the fourthermost Hand of the it the channel is broad and cleane, without it, is eleven and ten Saltees, lieth a rock above water, called Kinbegh, and fourh-kinbegh. fathom deep, and in the Havens mouth feven fathom, and west about so sarre from it, and south and by west from the fomewhat further in fixe fit home, it lyeth in north and north fourthend of the Saltees lyeth a funcken rock, called Kimmor, Rinmor, and by welt, within this River within the east point is a good of the bigoeffe of a fisip, it cometh with halfe ebbe even above ugaturen, ann nave 14 naturin water, o that a man will. A or that thereby it get out of your fight, you final then furely any danger) may faile alongth by it, as neere as he will. A or that thereby it get out of your fight, you final then furely man may alfo (if need require) faile through betwixt Kinbegh fayle upon the forefaid rockes. and the greatest Hand of the Saltees, but a seaboard of all is By S. Margets Bay upon the foresaid land standeth a Gentle-

The Smile Called Frailes, which the Silvers by Fold from the function could be supported by the Smile Called the Frailes, which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Frailes which the Fraile may also faile through within them. Northeast from the Sal. you, anckor there in five or fixe fathom, fandy ground. Tuss and tees lie also two rockes, the southermost is called the Tuns,

and the northermost the north rocke.

rel, of that a man must take heed.

Under the Ilands of both the Saltees, a man may ride, under the greatest at the northwest fide neerest the north end: any danger of this suncken rocke. the marke or knowledge of the road is, a black rock like a boat turned upfide downe, right against that you must anckor in se-

place a litle to the weflward of Carnaroort close by the shore. Stretch it selfe out more northerly, and also waxeth deeper.

For toa- He that commeth out of Waterford, and will goe about the eastfourhead for to go cleared, must not go more eatenty the eastfourhead for to go cleared the fewlig grounds, which go come the fourhwards of the Saltees, and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Saltees and when the Sal to go alongft without the Tuskar, a man muft goe at least castwardes. When you have fight of the point off Grenore, northeast and by east to goe cleare of him.

The Tuskar is a great black imooth rock, jying intention a hip turned up-fide down, but is about twice to great, at the point of Grenore, as fleweth this figure.

The high land over the poyne of Grenore and the point of Grenore are the poyne of Grenore.

kar lieth from the point of Grenoore S.E. and by E. and E. S.E. diffant one league : from the Saltees N. N. E. foure leagues and a halfe, from Black-rock also E. N. E. two leagues & a halfe. & from the Landes end of England N. and by west.

from Gratholme, called the Smaels, at high water and fpring thom: but yet for need a man may borrow off the flowld in tydes the water floweth over them, the northermolt is called five fathom, or four eathorm and a halte, but you must also ta-Scakum, and the fouthermost is called Kamay, there lie off in ke heed that you goe not so farre off from it, that you have mothe fea 2 litle flowlds from them, the one north N.W. and the re then eight or nine fathom depth, otherwife you flould coother S. S. E. Betwixt the Smaels and Grasholme lieth alfo a me to neere the banck that lieth to the northwardes of the ledge of rockes, which at low water may bee feene above wa- Tuskar, which on the inner fide is very steepe and needle to,uter. It is not without great danger to goe through betwirt ponitis no more then tweleve foot water, and close by it ten them both, especially with calmes, by reason of the tyde that stathom deepe. If that you keepe the forestaid ragged high land runneth very ftrong there through , and eaftfoutheaft moone as is before faid a mans length above the land of Grenore, and maketh high water without the Smaels.

tle to the castwards of the course.

that lieth to the westwardes of the point, when you shall have brought out the mill to the castwards the length of a capsto.

The said mill st

northeaft one league, it is betwirt both rocky and fowle, but out of your fight, but keep fo farr off, that you keep fight of the fowle ground lieth not farre off at fea. For to keep cleare it, then doe you keep farre enough from the shore, and from without it, you mult keepe fo far off the fhore that you may that rockyfhowld or riffe. Then when the mill fhall come to fee the toopers of the double land within about the cliffe land, be fouthweft and fouthweft and by fouth from you, then you

water, it is to fleepe that a man may lie with a flipps fide, and you need not feare, but if you come to neere the shore that against it, and have 14 fathom water, fo that a man (without the double land within, be covered of the foremost cliffe land,

mans house in the hills, when you have brought that with the To the eaftwards off the rock Kinbegh , foutheast from the m.ll that standeth within , one in the other , then you may goe

About fouthfoutheast from S. Margets Bay off at sea, lieth a funcken rocke, that at low water lieth dry, called Caliach, Galiach for to avoid it , take heed unto these markes : when you come Marks for from Kinbegh, and fouthwelt and by fouth from Carnafrom Kinbegh, and fouthwelt and by fouth from Carnafrom Kinbegh, and fouthwelt and by fouth from CarnaSaltestone in the other, and keep them fo, and then faile on cleane and cleare round about, fo that a man may faile round northeaft, youfhall goe right upon this funken rock. For to about it freely, without feare of danger. But a quarter of a league eathwards from it, lieth a function rocke, called the Barwards of the great Hand, and then you shall not need to feare

From S. Margets bay to the point of Grenore, lyeth the coast northeast halfe a league.

The point of Grenore is not very high , but steep and flat Rise of laddockt for an eaffouthealt, fouthealt and a fouth winde, a on the toppe, off from it goeth a flowld about a quarter of a Ground rer the shore in 5 fathom or thereabout, there it is rough which at low water falleth dry a good wayer of the shore. The Under the finalleft lland a man may ride at the eaft fide in blin or Walfaford, see in commonly betwitt the Tuskar and 7 or 8 fathom, for that the north point of the lland lye north. 7 or 8 ratnom, lo that the north point of the Hand tye north-northwelf from you, there you hall ye neere the landlock for fouthwelf and northwelf whichs. From the point of Waterford for the land the balls were From the point of Waterford the flore lieth to the eaftwar. des, within the Saltees, eaftnortheaft, until Carnaroort, heed of, as well forto faile into Grenore, as also into the deep nes, within the Saitees, eathortneait, until Carnaroort, in which may bayes, and all oafic and black fandy. A mab begrand there is floud for need, at many places finde good roads, there is nothing that can burt you except a litle fowled.

Comming out off the fea about a league or two neere unto void the to the foutbhwards of the Saltees, must not go more eafterly former, you shall see the high ragged doubte land high Tuskar, directly northealt, or a little more eafterly. But for walhford, when men doe come from the fourthwardes and the you may boldly goe right with it, untill that faid double land, The Tuskar is a great black fimooth rock, lying like unto a doe flew it felfe, by estimation, but a mans length above the

The flat foreland of Grenore.

Then are you farre enough from the shore, not to bee in Southeaft and by fourth about ten leagues from the Tuskar, increasely of a danger off the housed dolf Greenore. Or els you may fit your liet we little llands cole one by another, about fourt leagues felfe that you come no neere the flore then in fixe or feven fafo faile to the northwardes, fo long untill you bring that fame maketh migh water without the smaeth.

From the Tuskar edil and by fourth about eight leagues, lihigh land without or to the northwates of the Reepe point
the alloa great rock, with many final rockes round about it, of Grenore, then are you yet right againdt in the showld, and
alled Mascus. Heethat commeth from England and wil faile
if the state of the northwates, keeping the mill that startmit yet faile to the northwates, keeping the mill that starttowards Ireland, must, take great heed thereof, especialy when deth next unto the point of Grenore, so that you may see the as through westerly or northerly windes he shall be driven a liteto the caftwards of the courfe.

For to anckor under the point of Carnaroort, comming from riffe. Then as foone as you fee a caftle (which standerth a

Rosa jun-der Car-the west, you must take heed to come no neerer the shore then little without the strand) come without the point of Grenore, nareort. in fixe fathom, untill that you shall be passed by the high hill then may you boldly faile towardes it, by your lead, into the

The faid mill stands upon the land off Grenore, a litle wine barre, then you may anckor in 9 fathom, there is very good thin, the land, that can ferve for a mark for not to come to neere as well to the shore as also to the showld or riffe, for From Carnaroort S. Margets, bay, the shore lieth along lifyou come not so neere the shore that you leefe the mill well, and northwell, according as the winde and tide shall be within very flat going up.

north, untill that you fee a long black house come out to the a half tyde throng by the channell to the northwards, fo that weltwardes off Grenore upon the low land, the which shewth when it is highest water in the channel and upon the Barre, like a black rock upon the land: then you may looffe on to- yet runneth the tyde thwart over the channel, therefore a wardes the shore in foure or five fathom alongst by the riffe, man must keepe him so neere to Hacomans paths, as is faid, and run in fo until that you get fix or feven fathom, and pre- that is the caufe that the tayle of Haenmans path is caft up fently afterwardes shall be eight or nine fathom deepe, but still more and more to the northwardes, and that the chanthen afterwardes it showlds by little and little, as you come nel now lieth out more to the northwards then it was wont

the shore as you please, in fix, five, foure, and also three fathom, water, but not so strong as the slood. and there you can get a Pilot to bring you to Walhford.

le out on Greenbay close by the shore, that you may see but the wings off the mill the north grounds and Haemans paths against the mast 5. over the Foreland, and fo goe on east foutheast in to sea alongst stathom depth, runne in by Haenmans paths, al alongst until by she riffe, or according as the winde and tyde shall bee, so you come to the foot strand, and then edge over to the north long until that you may fee the roofe of the mil, then you may shore, for to avoid the grounds which lie to the westwards goe larger, and by litle and litle goe more foutherly, and then above the Soudre, you may, borrow of the showld on the

For to fail you shal see it ripple upon the riffe.

alongst by the shore, and faile through betwixt the Haenmans depth. path and the Souder, that is a channell where at high water there is ten foot water.

Washford haven

out the fand that shooteth of from Haenmaens paths, yet you for a marke to faile over the Barrel cometh over a black hommultalfo take heed not goe to farre there off, for if you come mock that you may fee upon the high land, a litle to the minitation take need not got to the fact the country of the form the fourthwards off the Caltle of Walhford, when you shall have banck that light without, which is on the inner side very steep brought these marks one in the other, edge then over again Haenmans paths then in feven fathom.

leffe it where by neede, and with a bare wind, then you might the shore, because a sunken rock that lieth thereabouts, and borrow so neere to bring them one in another, and so to faile go right against the west end of the towne, and anckor there in in, but it is best to keep them somewhat out one off another, 3 fathom, or thereabouts. to with , the little Castle to the fouthwardes of the hommock. To the southwards of the sands , that lie to the westwards

markes wel, nor differne them, then you may goe about the fand of Haeumans paths by your lead in feven fathom without fands. The marke for to fail through there is: That you keep any danger.

westwardes, or are past Haenmans path, and are open before hing gotten by it, with failing through there, in regard you the channel, you shal fee in the fouth land a alitle Castle must nevertheles go over the showldest, after that you are pasthat standerh abouth foure leagues in the land within the fed the fands of Soudre, to wit, over the foresaid depthof ten ftrand, in the fide of the high land of Washford, about fouth- and eleven foot. welt and by welt from you, when that shall bee upon that point from you, and that it flandeth betwist the two northermost you may not lade no deeper then ten foot, or ten foot and a litle fand-hills, that are upon the foote strand off the Soudre half for to come over the foresaid should, you shall then fail which is upon the fourth bore. He marks of the results of the source pass per to some over the forestant should, you shall ten 13st (which is upon the fourth bore) then are you pair Haenmans about to the northwards of the showld that lieth within, or to path, failed then upon the marks of that little Caffle, and the the well-wards of the Soudre, and goe in and another between the food the contract the bore of the showld the source and the source that the source and the source that the source and the source that the source and the source that the source and the source that the source and the source that the source and the source that the source and the source that the source and the source that the source and the source that the source and the source that the source and the source that the source and the source that the source and the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the source that the water about fixteen foot deepe.

Haenmans paths, you shal goe fomewhat neerer to Haenmans west, and the other in the northeast, because that the winds paths, although the every fleer, that the tyde don ho bring; that com out off the fourthweft over the land, doe not pury ou you upon the taile off the north-grounds, where the mall upon the order than the whole that the state of the land, doe not pury ou you upon the taile off the north-grounds, where the mall upon the north grounds. There at the Soudie, you may take in thadelth, that has fore-mall off a shipper that is there loft, the reflect of your dailing, it is a legage from the towne, and little the funcken into the fand, by the fore malt the

In this channel and upon the Barre an east and west moone Or els you may observe another marke: Sayle on so long maketh highest water: but the flood manneth yet afterward

to doe : And yet hereafter it is like that it wil ffretch it felfe If you have a large winde: then fayle follong to the north-more to the northwards, fo that the forefaid markes (by the wards untill you fee another little black house come out with- likelyhood ) wil not continue certaine alwayes. Even as the out the point, fail then unto it, you shall (so doing) have no shood after the highest water, runneth yer a half syde or anger of the riffe.

3 houres ftrong (in the channel) to the northwards, fo allo
In the Baye it is should water, you may lie there so neere runneth the ebbe a half tyde to the southwards after the lowest

Being over the flouidest of the Barre, you flat have 3, For to faile out of the Bay of Grenore, you may run out fo three and a half, and foure fathour, and in the channel betwixt north fide, by your lead, into ten or eleven foote, according You man teet rippe upon the inter-Forto faile out of the Bay of Grenore towards Washford to the draught off your shippe. In the right deepe off this with a ship that draweth little water, you may boldly runne edging over, you shal have at high water, sifteene foote

The marke of this edging over is a white litle castle that and ordinary tydes is eight foote water; but with a fpring-tyde standeth on the north side of the haven in the valley of the Land, when that commeth over the fleep point of the inner-The Haenmans path is a dry fand, which maketh the fouth most lland to the two that lie by the north flore, and feemeth fide of the channell of Walhford, lying off from the Soudre. to be about a mans length high, then you may boldly run in The Soudre that is the fouth poynt of the maine land of northwest with it, until that a little chappel within the Land,

and to the fouthwards of Washford ) a litle or about a cables thould of But if your filip goe deeper, then you must (failing out of length to the northwards of that other forenamed litle Castle washed.

Greenbay / goe further off from the shore, for to come with on the north side of that high ragged land, that hath served and needle to, therefore go no further of the shore then in to the fouth land upon the marks for then you shall be above feven, eight or nine fathom, but comming fomewhat more the fands of the Soudre; and with that courfe also shall not be northerly about Haenmans paths, then you may wel goe off in danger of the taile of the fand that shooteth off from the into tenne and eleven fathom, alfo you may not come necret point of Passage, which is on the northfide, but it is there broad and large, that a man may there turne to and againe, it If you delire to be upon the barre off Washford and to leave is altogether should water, of 10 and 10 foot and a half at high the showld of Haenmans paths, to with, to goe to the north-water. Sailing up upon these foresaid marks, you shal come wards, then take heed unto these markes: At the north side about the distance of a shot of a cast peece without the castle of the channel off Washford lieth a high hil with a round of Washford to the fouth shore faile then in along they it, and hommock, which is to bee feen over the Foreland, and a litle keep the founding on the founding of the shore until you com cattle in the low land, a lite above the firand against the within the cattle, there you may ancker, and shalf and there land to looke on a bring that round hommock a litle to the about 3 fathom water, For a man that is there unacquainted, northwardes off the cattle, and faile foin, but bring not the it is belt to anckor there, because before the towne lie some hommock within or to the southwards off the Cattle, for then sunckenrocks; he that will be before the town, must (right you should bee in danger of the fand of Haenmans paths, un- against the kay, or the head of market) go a good ways off

If it should happen that you could not fee these foresaid or above the Soudre, goeth a dreeke through, there is more the highest hommock of the high ragged land (behind Wash-For to know then when you are far enough failed to the ford) right over the castle of Washford, but there can be not-

litle fand hils over the barre of the haven; there it is at high the should and the Soudre, there you shall be landlockt for al windes, except for the fouthwest winde you have litle shelter, As fone as you are past the outermost flat at the point off you shall therefore bring out your best anckor, in the south-

In the night there are two fires made upon the Souder for the Etherman for to come in by night , by the Haermans keeping it fo. But if you find fall then in there boldly, koke the Etherman for to come in by night , by the Haermans keeping it fo. But if you bring the round hill well of you, and paths, he that will falle in by them, muft keepe the highelf fi real litle to the fouthwards of the other, for to avoyd the north des, it is in that channell about feven or eight fathom deepe.

Befides the deepe along the Haenman paths, the Fi-flermen have a litle channel that goeth out close by the north fhore, it is there about fixe foot deepe at high water.

and were and by north out and in through occurrent to banks the banks into face, or out of the fast, that is a large and broad channell, whather A for to faile from the Barre of Walthord within the fands whether the failed that the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within the failed within

Litrought covards Duom, you must neepe the founding of the warms und nount grounds by caree a league from the shore, floore, and runne along the yit in fixe, even or eight fathom, you fall if of alle along thout a cables length from the floore, out the fandes alongth north and by earl, and failed thwart of which is very cleane without any danger, to then you man (half the work of the floored from the north to which is very cleane without any danger, to the floored from the forth of from the north or which is very cleane without any danger, to the floored floored from the north of the floored floored from the north of the floored floored from the north of the floored floored floored from the north of the floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floored floor longft by night, only you must take heed not to goe further of them ( when they fat upon the fand ) well and by fouth.

When you are fayled to the northwardes shought by the tho-tage of the whole case from the Barret, you hall fee three whi-te fosts or rockes in the fand-hill, altie to the N. wardes the-should be the whole case from Mizanhead to Wicklohead it is also 2 leagues, but wish-from Mizanhead to Wicklohead it is also 2 leagues, but when registration for the first property of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control thence along the flore to the northwardes , you may fayle | Commeth at half tyde above water, the Fishers boats run about to modifiches, but it is bette begrete fineer, and to immediately there within in fixe or feven fathom, as is fayd rumenthrough there within in fixe or feven fathom, as is fayd rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrough the rumenthrou out off feare of the outermoft bancker, which are very fleepe, and therefore cannot be founded, Therefore men doe feldome use to faile there a seaboard of this fand.

maketh a Bay unto the point of Glaskarrick, when you are fo farre is this point, then you are past the foresayd fand.

The point of Glaskarrick is a low point, a little to the north

wards of it standeth a castle. Channel who we will not the banckes, then keepe that caffly the bank (if you can get fight of its late to the banckes, then keepe that caffly the bank (if you can get fight of its late to the porthwards off the low face). When you are without the bankes in the north channell the county (it you can get tight of it) a little to the northwards off the lower double top little hill, within flandeth a little chappell, when before point, and runne boldly right in with it, unto the land, without double top little hill, within flandeth a little chappell, when the little point, and runne boldly right in with it, unto the land, without double top little hill, within flandeth a little chappell, when the little chappell, when the little chappell, when are shore. This Channel lieth in northwest.

For to fayle from Glaskarrick to Dublin, run all alongst by is fore) in eight, feven, or fixe fathom. Two great leagues to the flore, towards the Banckes, the ground is fomewhat better. Chandel Glaskar- the northwardes off Glaskarrick lieth a fand, a great halfe Inthe northwardes on Characteristic tentants, agreet matter in the first market may be a supported by the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content of the content within that fand and keep the founding of the shore, but not fo out or in. far fromit, that you come into ten fathom, for then you should Fourteene English mites from Wicklo lieth the point of faile close along it by the Glaskarmen, which is very fleepe, and about two light miles row halfo Darch mile long, and about two light miles row halfo Darch mile long.

One English mile to the northwards of Glaskarmen lieth

to the northwards of it. Wicklohead. If you keep ewicklohead even within the point of Mizanbead, then you can take
no hurt of the Glaskarmen. But if you would fail a feaboard
of the Glaskarmen, then keepe Wicklohead a good wayes
of the Glaskarmen, then keepe Wicklohead a good wayes Wicklohead but even without the Mizanhead, you shal not fea, upon these markes you may come in within the banckes, fayle to faile upon the Glaskarmen.

At the north point off Arkelohead lieth a litle from ledge (comming from the northwards) & bound to the fourhwards, and fharp ground, and then mult come no occurred them in the fathon, towards the shore lye fome little rockes above water: when you kome little modes above water when you kome little modes are the modes above water. from the northwards; and those little rockes are welfnorthweft lieth a little tyde-haven, there stand the houses called Brae on from you, then are you passed it, to wit, to the fouthwards off the north fide. that ledge, and then you may again borrow of the bore upon the lead, commonly men doe keepe fo fare of the shore, that they can take no hurt of the forefaid ledge.

At the north fide of the point off Arkelo is a faire fandbay, there is a good anckor ground, & alle over good riding in 8,7, longft the maine not far from it. Men fayle within the lland or fivefathom, in this bay are good ftore of herringscaught, through, & leave al the rocks and the Hand lieth to feawards.

for the tyde, you must anckor a little to the northwards of the larte, and go of fomewhat until you have a fathorn, there it is bankes into the fea. For to faile in there out of the fea, tooke channel out for a round hill within the land; bring that westnorthwest befores

> About an English mile to the northwards of the point is the river of Arkelo but very flowld, at high water there com-

The coast of Washford unto Wickely lieth most north and From the Barre of walhford a man may faile eaft and by S. by eaft, a little more calterly: But he that will faile without and Welt and by north out and in through betwire the banks along it by the banckes or fandes; must not goe more northerive through towards Dublin, you mult keepe the founding of the wards the found grounds ly fcarce a league from the shores

tongit by mght, only you mult take heed not to go shurther of the flower then in z of Sathom , for not to come foule of the banckes, which are on the innerfide very freepe & needle to. banckes, which are on the innerfide very fleepe & needle to.

When you are fayled to the northwardes alongly by the flo-

One English mile to the fouthwardes of the point of Wicklo, lieth alitle rock close by the shore, called the Wolf, it wolfe

Right to the fouthwardes of Wicklohead, fomewhat further Herfe Right against this forenamed Rusch and Ramme, the shore through the evvithinit, but he must be very well acquainted with it, orels not well to be done; without, it is more certain ne and best going off somewhat to the deep. If you keepe the point of Brahead a little vvithout Wicklohead, then you can take no hurt off, it or if you keep the high inner land, fo that you may even fee it above the land of Wicklo, and goe not also point, additional points in the first point of the grounds, there is a good channell, through the body on can fee that through the faddle of the hill, then you are feel and through the faddle of the hill, then you are feel and through the faddle of the hill, then you are fight againft it, and have it on your fide, the village of Wicklo ne fathom, untill you come to the floudding up againft the

In the Bay the ground is fo hard & chinnell, that the ankors the shore (which is fomewhat full of Bayes) and keepe you (as doe not hold there, but without the Bay fomewhat farre from

Thwart of Wicklo alfo is channell through the bancks for the ban

Fisher village, called Nicastell, there(fayling alongst) you have Sailing through between the shore and Glaskarmen, to the orthwards, a man may fee 2 points; to wit, Mizanhead and the free points from the fat point to the freeper points from the fat point to the freeper points from the fat point to the freeper points from the fat point to the freeper points from the fat point to the freeper points from the fat point to the freeper points from the fat point to the freeper points from the fat point to the freeper points from the fat point to the freeper points from the fat point to the freeper points from the fat point to the freeper points from the fat point to the freeper points from the fat point to the freeper points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points from the fat points fro

without the Mizanhead, and fo runne alongst a feaboard off it, nother, and are northwest, and seepethem, then may you and you kan take no hurt off it: But if you keepe the point off boldly thereupon run through the bankes into fea, or out of the

that is a very large and broad channell. Thwart from that forefaid fugerloafe to the fouthwards off very freepeand needle to. A man must take most heed off it

miles, there betwixt both goeth in a Bay. At the N. E. fide of the Iland Dalke lie fome rocks, lying #- The Sound betwirt the iland Dalke and the maine land, is | 5 foot water, but with a fpring tyde with flips that draw 7 or of Dalke. called the Sound of Dalke, it lyeth northnorthwest, and north 8 foot water. Stockware:

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Stockw round rock, neareft to the maine land, there men may make faft a Cable on it, & an anckor thwart of the channell, towards land from the Tuskar unto Dalke, are on the fourth fide, or on

place is called the Berton road, you may not anked friend to 1.4 both or Hedehoo, and then right out o Houth or Hedehoo, the welfwards then before the village: to the welfwards of the | and then you find lake no hurt of the north grounds. village the ground is foule and fharpe.

low necke: To the northwards of it lye the iland Irelands-eye Houth and Lambey: at the well fide of it flandeth a little chapand Lambey, those may bee seene (being to the southwards of pell, right against it, you may ride. At the S. and lieth of a stothe point Houth, and being before the entrance of Dublin) by rifle which must be avoided. Right over against that iland over that forefaid fmall necke of Land.

From the Sound of Dalke to the Barre of Dubling, the cour-called Malcheall. fe is N.N.w.in the farreway it is deep 9, 8, 7,57,8% 4 lathom the Under Lambey you may ride upon the north fide for a four-hambey-nearer the Barre the flowlder water. When you fayle up, you thereby winde, in 13 and 13 fathors, but for a fea winde, you must keepe the westermost Rocke that lyeth without at the must shift, unto the west side by a Gentlemans house, and ancother rockes, and shall so come before the entrance, without there commeth in a great sea. having any let or hinderance of the fand. Or you may fayle About 5 leag, N.W. and by N. from Lamby, lieth the haven

To you come informed information, you may runne in cross as you may runneous about it on no not not not not not been com-bourthe peans of though by your lead, and then all alongs thy I the worther flower, which is not good Dredagh the worther flower, which is not good Dredagh the worther flower, which is not good Dredagh the worther alongs it is described when the worther alongs it is described when the worther alongs it is described when the worther alongs it is described with it. der From the fourthinare runneth of a great tayle of fand, als.— Four or y leagues to the northwards they can be northwards of it good the vent of Drodafs, which is very flowld, and little utied, at low deep in. Upon that tayle a litel within the point stands a Bea-kon of a malt, made by the Englishmen called the Paersing.

North and by west about thir

of the fand which shooteth out a good way to the northwards is not without danger. When you are within the suncken rocof the Paerling. For to goe cleare of that , you must runne fo kes, you must runne over to the souther shoare, and in along the over a little Castle with three turrets, or little towers, which kor there in fix, seven, or eight fathom, so shallow as you will, then are you above the point of the fand, then goe in west and ven, two miles from Carlingford. by fourth untill you come over the flow idelt of the barre, there About 7 leagues northeast or fomewhat easterly from Car-is at spring tyde 15 or 18 foot water, but at low water and lingford, lieth a point called S. Johns point betwick both about 5. Johns des. When you are over the showldest of the Barre, then anci- From S. Johns point lieth of a ledge of rocke, whereof you kor within the fand by the beakon in Poelbegh, there it is at must take heed. A great league to the northwards of S. Johns neada, bigh water four fathom deepe. The marke of this road is, pioni, litch Argiss, from thence forth to the haven of Strang-Argiar, brother to the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of t

water the fands lie dry there round about the road. together dry, so that there a ship hath but even roome to winde you come then so farre as Audleys Castles , there you may up to again. Men do morre there S.S.E. and N.N.W. A S.E. anckor or runne in about the point on the larboard fide, and and N.W. Moone maketh there the highest water.

and falleth at low water altogether dry: with an ordinary tyde followeth. men cannot come before the towne with a shippe that draweth

the other rocks, because of the tydes, for the tyde runneth there very firong through A S.S.E. and a S. and by east winde come nearer them then in 24 and 35 fathom, in 20 fathom men to very arrong (prough, A.S.).L. and a.S. and by cut wince (come nearer tenerities) in a mass muturing a substitution of the land, and a fourth winds comment of the mass of the land, and a fourth winds comment of the mine land.

From the iland of Dalke, until you are passed the village all strong ground, and lye on the of side alongst northworth early. of Dalke, the facare lyeth north northwest and by west, be and foutbloathwest, at the north end they lie about \$ finelish fore the village you have some successful or a fourtheast winde, miles from the land. If you are bound for Dublin, and will go to take the windebeing more cafferly, you lye in the open fea. You window their fails, you then four to the northwards, until horhout lye therein 8 or 9 fathom, the nearer the iland the deeper, the you kan fee the little iland (trelands-eye) without the point of the banker.

illage the ground is foule and sharpe.

The Nopoint of the Bay of Dublin called Houth or about cleane, so that a man may ancker round about it. To the Hedeho, is a very high point, it feemeth a fare off as if it were northwards of it lie the ilands of Irelands eye and Lambey. Irelands eye is the fmallelt, it liet betwist the afcrefaid point eye. in the maine land lieth a haven for (mall thips, at a little town

iland of Dalke, a handspikes length open of the iland, or the korthere, but it is not very good lying there, because alwayes

more to the eaftwards right towards the low land of the nor-the land lie rocks, called the Skires. About two miles to the ther flore, and then by your lead alongft by it to the Barre.

If you come from the northwards, you may runne in close a you may run round about it on both the fides.

North and by west about thirteen leagues from Lambey, Notes and by were about theretee leaguest from Lambury. North and by were about theretee leaguest from Lambury, which is about the fourthwards, looke out for the land frelands eye, keep that from Dondalk, liefth the lawen of Carlingford: the north point Carlingford.

for, that you may have reserve fine in over the low land clocked are of that haven is foundational and northy. But you goes in 500-40. unto the high land of Houth, fo you can take no hurt of that about it by your lead: the fouth point is very foule with rocks fand. When the Tower of Saint Patrickes in Dubling, which and funcken rocks, which you must flun, and runne in by the flandeth on the land fide of Dubling, commeth right over that northerne shoare: Some fay that men may runne in through beacon the Pacifing, then are you yet right against the point betwixt the rocks and the souther point with small ships, but it farre to the northwards, untill the Paerling commeth right by it, untill you come before the town of Carlingford, and ancstandeth to the fouthwards of the town, or when the Paerfing you may faile in upon the oase and save a ship without anckor comments between that forefaid litle Cattle, and the towne, or Cables. Green-Cattle lieth at the northeast fide of the ha-Greene-

neeptyde, not more then fix foot, you may found it on both fi- half wayes lieth the mount of Carlingford, a high Mountain. Po

you in the beft of the road, bring out your beft anckor in the ja funcken rocke, which at halfe ebbe commeth above water. fouthweft against the blowing of the fouthweft windes, which i For to faile into this Haven, you must leave this funcken rocfornetimes come powring downether every frong out of the ke on the larboard fide, and goe to the northwards of it, but S. W. over the high land, and the other in the N.E. At low must take good heed of the foresaid ledge at the northwards of it, but W. Ote the ring ratio, and the other history and the fore-darer the fands like dry there round about the road.

A main may allo goe in through to the fourthwards of the fore-Men may allo anckor fomewhat further in, at the north fide:

faid funcken tocke, betwixt it and the point (but to the northof the found, right against a village called Clantarie in a pool, wards of it) is the best and the broadest Channell. Somewhat where at low water remaineth 9 or 10 foot water: but round a-further in lieth also another funcken Rocke at the N. E. side, bout the ship (as it is in most places of the haven) it doth fall althat must be eleft on the starboard side in going in. When that

anckor thereunder it. If the ships that come there be any thing great, they must About a league and a halfe to the northwards of Strangford ftay in Poelbegh, close before the Town it is very showldly, lie the Rockes Southrocke and Northrocke, of them read as point of Arglar, others the point or head of Molines; from dly without any feare; except you name farre off from land, thence falleth away the coult unto the Bay off Knockfergus

Point of By the forefaid point of Arglas or cape of Molines, to with, Agiss to the northwards of it, we little miles, lyetwo great rockes; fourthwards of the Yland Rachtens, to that this point and the epinter of Rachtens, the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the pr sometic mine to the continuary of the northermon, cancer the Northsol. The Northsol: rocke. From the fourth end of the Soutrocke fieth a ledge off land, come Sociatad and Ireland nearest one to another. The rockes at the leaft two miles off, allo one from the northeat Racilleus iran Hand that men may fayle round about, either point agreat wayes N. E. off into the fea. The N. rocke is a to the northwards or to the fourthwards, as they will, accorter. There goeth allo from it a foule ledge off unto the land, the tourhwelt did is a faire bay, where is good lying almost for for that a man may hardly fayle through betwire the rocks and the maine land, except a man be extraordinary well acquainground, 6, 7, and 8 fathom deep.

the strength of the foothwards, with a S. S. E. way, they goe fare enough without the north and Southrocks. There between them both lye divers more little Ylands, rocks, and funcken and the Hand Rachleens it is broad enough. rocks, and showlds, for the which men must take good heed when they will come neare by the shore.

The Koplands lles lye about an English mile from the land, they are on the off fide to leawards, cleane, but from the inner fide there gooth of fome ledges and foule ground, in the midway there going through it is five and fix fathom deepe, but it is best to goe without, except for them that are well acquainted. The N. point of the Bay of Knockfergus, lyeth distant kor under Skires Portrulh. therty, for which S.E. coarfe from the north point towards of fairc bay, where you may be in fixe and feven fathom, cleane Pounds

fergus, lieth a little Ylaud called kow, from thence lieth the channell, where you may faile through. Cealt off Ireland forth N.N.W.about 9 or 10 leagues unto the The Maids Handsoc Roghkens. Betwixt them both lye the 9 Maydes one haven , there alongit you may fayle up unto the new Towne great league without the land, and two great leagues to the horthwards off the bay of Kaockiergus, they are great Rocks, large method to come in as well by realoo of the northwards off the bay of Kaockiergus, they are great Rocks, large method that the same of the bay of Kaockiergus, they are great Rocks, large method that the same of the bay of Kaockiergus, they are great Rocks, large method that the same of the bay of Kaockiergus, they are great Rocks, large method that the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same that lye but lite above water, or low rocky little Ylands, and a showld: with shippes that draw eight stote water, you must hamultitude of rocks under water about them, that lye off fo far ve at lealt 3 quarters of the flood before you can goe in. to the N.N. E.that men cannot come neare them within 5 or can do better. Not very long fince, there came a man (by night | point called Cantir, lyeth diffant from Loockreen N. W. and unacquainted)therein, and runne through onely upon the fight S. E. 9 leagues , there betwixt them both goeth up a great unacquainted furerent and manifest through without any hurt, of the breaches of the water, & got through without any hurt, but not without great feare and danger. He that comments of which men fayls up mito Glaskow in Schotland. from the faire Forland, must (at least) goe S. E. and by E. for to runne alongit cleare off these soule grounds. From the W. fide you may turn into and againe for to anckor there within for there within, but men must not come nearer the Maydes, then kor somewhat in, by the second high point on the east shore in about halfe channell betwist them & the maine, but the maine 10 or 12 fathom, land fo neare as they will, which is both cleane and cleare, with many bayes, where men may every where anckor, yet here & there lie fome Rocks, but they are all above water: There is nothing that can hurt you, but men may easily fee it.

bay of Knockfergus, & a halfe league S.S.W. from the Mayds, thom deepe. Oldfliet. lieth a haven called Old-fliet. For to know it when men come from the northwards, they final fee two flat little Towers, the Yland, close by the east fide off the great Yland Arren, called with maine fayle and forefayle, without toppe or toppe failes: faile round about it, and anckor under it for all windes in ten, these stand upon the north side of the bay. At the S. point lieth a finall round litle Yland or rock called and the great Yland off Arren.

Hand knee the Knee, a special marke for to know this Bay, men run in the-& get fight of the little Yland Knee, then run in close about it. land calleth Commer-ile , on the east fide off it betwixt the lie.

From Strangford Haven to the Northwards lyeth the coall | From Old-list to the northwards unto faire Forland, the forth N. N. E. one league unto a point which formedo call the coaft is very ckane, that you may faile close along thy it, bol-

Faire Hid , or Faire Forland is the outermost north east Faire Fore point off the maine land of Ireland, and lieth a little to the Lind. fourthwards of the Yland Rachleens, fo that this point and the

ding as it happenerh beit convenient with winde and tyde. At red.lin betwirt the northrock and the fourthock goeth a faire because the easternost point of Ireland Faire Forland , I yeth broad Sound through, where men may well turn to and again, if and at many places may anchor, it is all over good clean fauly come neer between temp, flewer life from by little and From the E fide of the fourthrocke unto the llands at the E may anckor there where you will, either by the coaft off the point of the Bay of Knockfergus, called Koppen, or Kopland
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Hes, the courfe's N. N. W. or formewhat more northerly, a
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From the Rachleens unto the Skires Portrush, the course is well-fouthwell diffant 7 leagues, About two leagues to the ealtwards off it, in the maine land, lieth Porto Belletrie, a bad roade for great fhips, the ground is there fowle & sharpe-

Betwixt Porro Bellettic and Skireth Portroth, neerest unto Chickens kires Portrush, lye the Chickens, these are simcken rockes, which may be fayled about on both fides, for to come to auc-

The Skires Portrush is a rock Hand, it hath on the fouthfide Skires: the forelaid Ylands, that goeth farre enough without them. The Bay of Knockfergus is a great broad Sound; about mortheat winde, which beloweth along it the floar e there open nockies leggues invarids in the Bay W. from Copland Hes, is the road in. For to come under this Yland from the east, you must goe below Knockfergus, there is good anckor ground in a farhom close alongs by the shore off themaine land, for to than the fo nettore Annual trigin, there is good suckor ground in 3 rathorn and a halfe. Somewhat more further out towards the N. point forefailed function rockes the Chickens. It is there all over allo on the N. fide off the bay, flandeth a Caftle, called Moufe-cleane and cleare: or cls if you were minded to goe withour, and one of the first time on the body, manuering Carlier, carled Moune-hils Calle, by it is a fandy bay, where is good anckoring as well or to the fourthwarde off the Chickens, for to come under the for great flips as small, for the N. and the N. W. winds, bur a Yland, you mait shan the cast point of the Yland, because of a Row iland A little to the N. wards of the N. point of the bay of Knock- Yland. At the northweft fide of this bay is also a small narrow A little to the well wardes of Skires Portrush lyeth the Bant-Banthares

The haven or found of Loughrean or Lookreen in Scotland grean: grounds, where men (for need) might faile through, but it is no by the point of Galloway, lieth diftant from Faire Forland the wildome to go about it, when there is no need, and that men northeaft point of Ireland, E. S. E. about 13 leagues, but the

alfolieth off a little tayle off a ledge off Rockes towards the westerly winde, if you doe come no neere the Gores on either land. Further, it is there cleane, that men may fayle through fide then in four fathom, you can take no hurt; you may anc-

About feven leagues to the northwards of the point of Galloway in the forefaid great found, lyeth a high sharpe Yland, Elze Ilist cleane round about, off fashion allmost like unto a poock or Hay, called Ailza, or Elzce, there you may boldly fayle round A great league to the northwards off the north point of the about it, it is there round about it, and close by it eighteen fa-

From Elzee northwards fixe leagues lyeth also another litle one fornewhat higer then the other, like as if men faw a flip | Lamblash, or Lam-ile, cleane also round about, there you may Lammi

North and by east and northnortheast two great leagues ile: the Knee, a pecial markefor to know into payment main the re amidft the channel. But when you come from the S. wards, from Lamme-ile, lieth an Yland by the point of the main. But Iland and the maine land, jou may five through in to a faire.

Some of the maine land, jour may five through in to a faire.

Some of the maine land, jour may five through in to a faire.

Some of the maine land, locke for all winds, and from thence may faile forth unto Dumbtriatine, or into the river Glaskow. The forefayd lland Commer-lle lyeth from the land, Elzer, and bout north and by eath. For know ledge of this faind, when the men come of from Elze, or from the fouthwards towards this iland, mental fee a great called on the E fide of the maine about a great league to the fouthwards of to the maine land lattice and the second of the maine land lattice and the second of the maine land lattice and the second of the maine land lattice and the second of the maine land lattice and the second of the maine land lattice and the second of the maine land lattice and the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second o il and Commer-Ile, or the found that lieth there into the castwards of it, upon the fame iland frandeth also a little castle close to the water fide. Runne in betwixt the iland and the tione to the water live. Knime in December the hand and the major land, about N. M. E. in, and cleave the land a great cables are one to the other, the clobe contrained little land and the landboard fisle, and the major land to the thereboard post-work because treatment and social so the welverands must be Ceram fide you must shun more, because of a great ledge that Iyeth of les from it rowardes the iland, and fomewhat more northerly. Having Gotten cleare of the end of this ledge runne then right towards the maine land into the bay, or found, & anckor there From Waterford to the Handes of the Saltees call , but to goe about to the in ten fathom, right aginft a ftone house with an orehard there by, it shall be then a stearne your ship about seven fathom deepe, and there morre your ship well-

Glaskow, goe first N.W. and by N. unto by the point of the iland, that is, to the weltwards of you, and then north, along it glaskouw. by it, then by little and little more cafterley, a lenght N. E. by it, then by little and little more calterley, a lenght N, E., smoother lander of the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the little more than the littl three fathom. From the north shore lieth off a great showld, which lyeth over the Sound more then two third parts from the norther shore; towards the south shore it falleth dry at the south shore; towards the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry at the south shore it falleth dry a lowest water, therefore men must shun the norther shore, and runne along ft by the fouther shore. There standeth a white caftle upon the fouth shore, right aginst that begin te forefayd fands. In the Creeck it is foft ground, but towards the fand the ground is hard, therefore when you feele by your lead that it is formewhat hard, that is a token that you come to neere te floulds, faile then fo forth upwards to Dunbrittaine,

Sleges Caraquin

Wethout the land in the tareway between the canal a fournment and by well moone maketh high water.

In the channell or entrance of Washford, an east and well moone.

The flood runneth there to the northwardes, after high water a halfe tyde, and the ebbe contrariwife to the fouthwards. a halfe tyde after low water, but not fo ffrong as the flood.

On the east Coastes or Iteland to the fouthwards off the bay of Dublin , a

weltnorthweit moone,
The lood comment there out of the well, and falleth through betwist
freland and Scotland; from the cape Canting to the mult of Gilloway, Jouth-

At Englithoun in the Sound of Glaskow, a S.W. moone maketh full fea.

### Courles and Distances.

t en fathom, right agindt a flone hoofe with an orehard here by if final be then afterare pour flip about reven fachon eepe, and there morre your flip yell. Lever to finely care to the Soute of the Salesce statement and the statement of the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the South and the

rom Blackrock to the Tuskar caffnortheaft by the point runne close about by it first eattnortheath, cath, because it will be considered to the c

> rom Mizanhead to the poynt of Wicklo north and by east ( cafterly

and a third pare From Wicklohead to brachead north, and north, an by welt

From Dalke to the iland off Dalke north, and by weft,

2 leagues

From Dalke to the barre off Dublin northworthweft, two leagues and a half.

From the Sound of Dake the poynt Houth northnortheast, two leagues and a halfe.

That courfe runneth without the poynt Houth, Irelands eye, Lambey, and Rock a bill

The banckes lye from the Tuskar to the north-end northnortheast and fourthcontroeth.

From the barre off Dubling to Holy-hil in the iland Anglesey east and by

here fetchioutes, lane them worked. Which is it low was briefly end in the lained, wen you find the pattit about two Cables length, then anchor there in five at high water.

A fourth & by well monone maketh there te highest water to the bright water of the lained with the bright water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water of the lained water

Heights.
Waterford, or the Tower of waterfold lyethin 25 degr. or 2 little more; How these Lands doe shew them selves at Sea.

| The haven of | Waterford. |
|--------------|------------|

The Touwer of Waterford.

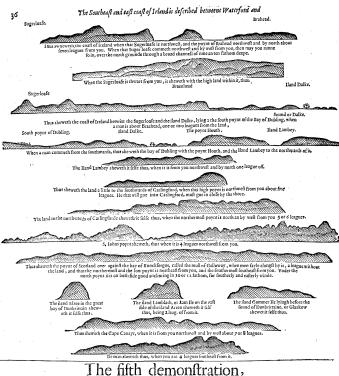
The sheweth it felfethe land about waterford, and to the wellwards, with the high land of C. Quin, or Cara Quin, when you come towards the land

Thus sheweth te Saltees, when they are 3 or 4 leagues welt and by north from you, Grenore Thus showeth the land between the Saltes, and the poynt of Grenoor is about 2 leagues from you

E a

The figure following is to be owned unto the former, the AA one the other

The land to the northwards of Grenoore shewith thus, when the northermost poynt, where the crosse standards over, is north and by well about five leagues from you, and Grenoore foutthwell and by well, so farre that a man may be treat feel; if sembelow, and then a man may see the transfer of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of



In Wich the Coast off Viller and Munster from Bandhaven to Mizanhead, are declinated.

A reason to the logs of P ther and manufact from Banacon to reagances, or assumed.

Vol leagues we thence there from Banacon to reagances, or assumed as the property of the property of Green-calle, there you may less without the Towns, finds tred before it lieth a great plate of fand called

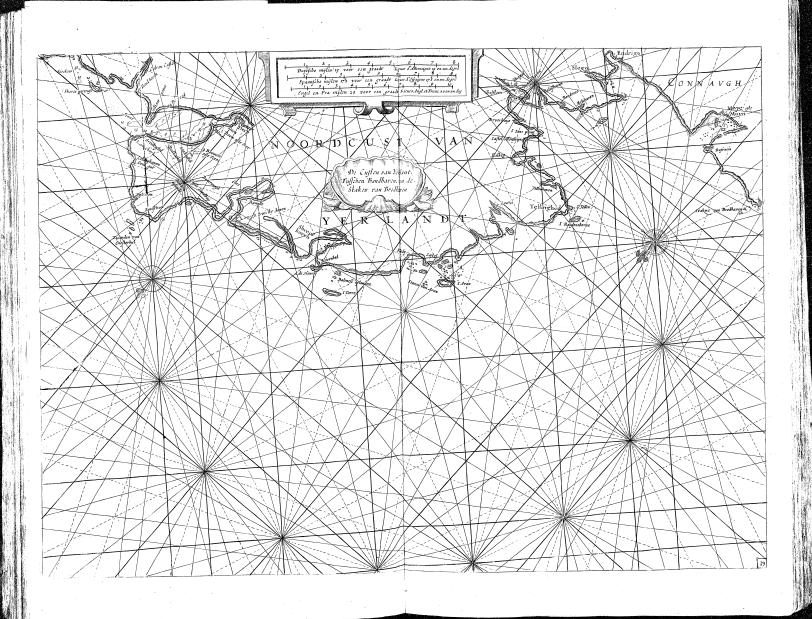
For to fayle up from Green-calle, you must runner pareasin to the Towns, which lych from the well longly by the well floated by your lead, and fluone the little longity population of the baven a great waves to the fandes that lye here and there alongly that file, multipoor follows the property of the baven as great waves to the fandes that lye here and there alongly that file, multipoor follows. northwardes off from the store, when the come past With-castle, right against the three trees, there is winde is out of the fea, it breaketh very much upon it, with the ordinarie road,

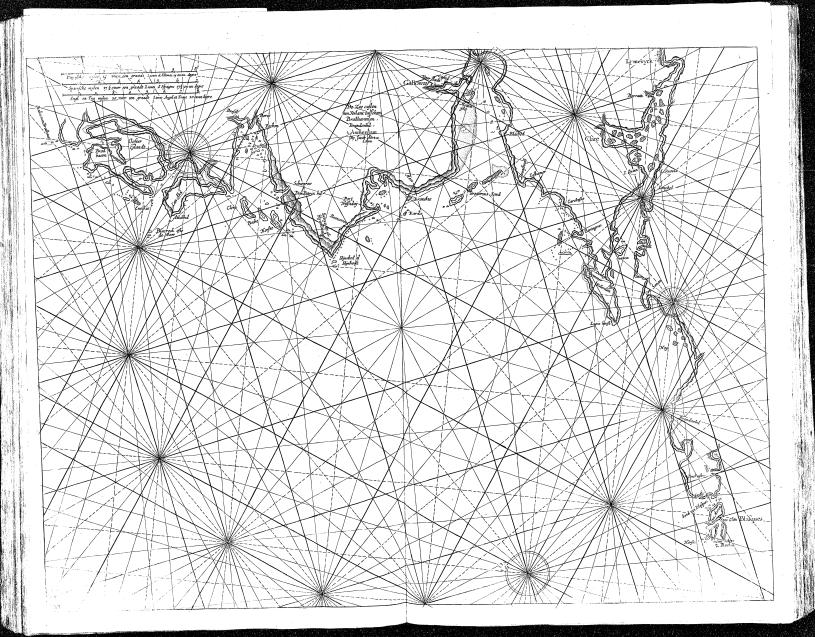
fmall fhipps that draw little water, men may fayle into Lough-foile haven at high water to the fouthwardes of the Touns, be-caftle goeth a Creeke or Slencke through the grounds, unto twirt the Tours and the fouther-poynt, called Magillions the eafterflore, which is as deepe or deeper then the right poynt, but it is there very uneven, and at full fea there cometh fareway unto With-cattle. When men come off from Greenno more then eight foote water, but along ft tho the westwards castle, they must take good heed not to goe farre off from the off the Tours, it is very deepe, men may found about the wester shore, left they fall into that Creeke.

How men that fayle from the forefayd roade forth up unto

For to finde the Channell that lyeth into the wellwards off the Tours, (comming from the earl, or alongly to the Tours) (comming from the earl, or alongly to the Tours) (comming from the earl, or alongly to the Tours) (comming from the earl, or alongly to the Tours) you multi looke out for a lattle fainty by a theight. on the weft-fide, even within the north-poynt of the river un- leagues, these are finall black ilands of rockes, not very high der the high land; bring it fo, that you may fee it open of the above water, and lye a little of the northermost point of Ireforesayd north-poynt, and sayle in there upon, untill you land, called Eniston, a high plaine land, a very good to knowe come by the land , and then runne in along the by it fouthwest for him that hath once feen it. Betwixt the ilands and the until you come right against Greencastle. If you come from point men may faile through, but not without great danger the west or the north, you may boldly without seare runne for them that are not very well acquainted with it, because off alongst the shore, and about the poynt upon your lead, with- much fowle groundand showlds that lye betwixt them both. out comming neere the towne; you may fee any thing that
Under the forefayd point Emifton, on the well fide, men may
might doe you hurt, comming by Greencalle, there may
anckor for cafterly windes, or els to ftoppe the tyde.

Tours on the off fide in foure fathom,





goe in along they the easter shore. The land about Lough-swil. twixt that rock, and the point of S. Johns point, men may sayle ly is the highest land of the whole north coast of Ireland, and baldly through, it is there cleane and ck are. thereby it is also very good to know, for those that (coming About two great leagues to the eastwards of that foresaid out off the north ) do fall with the lands there abouts.

like two hornes and there after the point is named.

and theeps haven liethalfo a Bay, where men may ancker, but kor ground. the ground is not very cleane, and right against it in the ofbut without it is best and furest.

Ilands of Aran, is good anckor ground all over.

the flarboard fide, untill you be within it: goe then towards the float at low water. In the road against the iland it is 15 or 16 foot deep.

Men may also anckor on the foutheast side, there is the roade.

Men may also anckor in the ilands over against it towards the

The Stagges of Broad haven are Rockes that Iye to the Stagges of Broad haven are Rockes that Iye to the Stagges of Broad haven are Rockes that Iye to the Stagges of Broad haven are Rockes that Iye to the Stagges of Broad haven are Rockes that Iye to the Stagges of Broad haven are Rockes that Iye to the Stagges of Broad haven are Rockes that Iye to the Stagges of Broad haven are Rockes that Iye to the Stagges of Broad haven are Rockes that Iye to the Stagges of Broad haven are Rockes that Iye to the Stagges of Broad haven are Rockes that Iye to the Stagges of Broad haven are Rockes that Iye to the Stagges of Broad haven are Rockes that Iye to the Stagges of Broad haven are Rockes that Iye to the Stagges of Broad haven are Rockes that Iye to the Stagges of Broad haven are Rockes that Iye to the Stagges of Broad haven are Rockes that Iye to the Stagges of Broad haven are Rockes that Iye to the Stagges of Broad haven are Rockes that Iye to the Stagges of Broad haven are Rockes that Iye to the Stagges of Broad haven are Rockes that Iye to the Stagges of Broad haven are Rockes that Iye to the Stagges of Broad haven are Rockes that Iye to the Stagges of Broad haven are Rockes that Iye to the Stagges of Broad haven are Rockes that Iye to the Stagges of Broad haven are Rockes that Iye to the Stagges of Broad haven are Rockes that Iye to the Stagges of Broad haven are Rockes that Iye to the Stagges of Broad haven are Rockes that Iye to the Stages of Broad haven are Rockes that Iye to the Stages of Broad haven are Rockes that Iye to the Stages of Broad haven are Rockes that Iye to the Stages of Broad haven are Rockes that Iye to the Stages of Broad haven are Rockes that Iye to the Stages of Broad haven are Rockes that Iye to the Stages of Broad haven are Rockes that Iye to the Stages of Broad haven are Rockes that Iye to the Iye that Iye to the Iye that Iye to the Iye that Iye that Iye maine, in divers places, and lye landlockt for all windes.

Upon the northwest point of Ireland, a good wayes land-point, to the northwards of Broad-haven. wards in lieth a high hill, of fashion all most like a Sugerloafe, which is feen in cleare weather before any other land, at least rocks, these must beleft on the larboardside, & runn in there nine leagues at fea: When that hill lieth eaft and by fouth from alongit to the westwards, until you come within the haven. you, and then fayle in right with it, you shall not miffe to fall right with the great iland Aran.

de Tilling lieth an iland, called Raiglene borne.

At the Cape Telling lieth a little iland, halfe a league from boldly without any danger.

Kilbegh, Dungall, Ballashaven, Slego, Endrigo and Moye.

S. E. about foure leagues: betwixt both, about one league and rocks thereby a feabord) on larboard, and the courfe lieth good fandy ground, there may about 30 flips lye, welt and fouthwest windes doe blow thereopen in, for all other windes

To the N. wards & to the E. wards of Acklehead, lie divers men are there landlockt.

narrow at the comming in of it: When men are a little from the N. wards on the larboard fide, and the high land of Acklethe shore, it seemeth to bee all close without any opening. A- head on the starboard side, a great wayes in, and anckor in 7 and bout a halfe a league to the westwards of this bay, a quarter of 8 fathom, landlockt for all winds, and from thence may come a league from the land, lyeth a little iland, which is very low out against to the N. wards, or elfe may come out not the fea a league from the mark giving blaine downer, that is a good mark to know this forefayd by, me if they mark to know this forefayd by, me if they mark to know this forefayd by, me if they mark to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the forefar to know the for out of the west, and are passed that Hand, then go neere the hommocks) the course is south and by east 10 leagues, betwixt thore, which is clean and cleare, and go freely close aboard of them both lye three ilands before a great bay, the northermoft it, untill you shall fee this bay open, and then sayle boldly in, or next to Acklehead is called Cleere, this hath a high hill on without any feare, betwixt the two shores there is nothing (neither in the going in, neither within in the bay) that can downe. The fecond or middlemost is called Boche, within it is hurt you, if you doe not fayle upon the shore. When you shall a road for those that are bound to the S, wards, where men may be come in, anckor where you please in five fix, seven or eight anckor in source fathom: The southermost is called the Horse. fathom, to showld or deepe as you wil, on the north fide within Betwixt Acklehead and Twelve-pence lyeth within in the the Bay stands a little Castle.

winsbay, in, except men be very wel acquainted, they must go betwist the coalt to the northwards or to the fouthwards: the rocks in untill they bee gotten in , there they may fave a From Sleynshead, or twelvepence unto the found of S. Grethip without cable or anckor.

A great league to the fouthwards of Kilbegh, lyeth along

From the ilands Englerhulunto Lough-fwilly, of fome cal-tlying out point, called S. Johns point. Right well from that 5. Johns led Lockfilie, the courfe is fourthwell y leagues, that is a faire point, a quarter, or a little halfe league, lieth a great Rock unhaven. For to fayle in there, men mult shuone the west fide, and der water, whereupon the sea breaketh with great noyse. Be-

ut off the north) do fall with the lands there abouts.

Foure or five leagues welt fouthwest, or somewhat westerly source or five leagues welt southwest, or somewhat westerly source or five leagues welt southwest, or somewhat westerly source or five leagues welt southwest, or somewhat westerly source or five leagues welt southwest, or somewhat westerly source or five leagues welt southwest. lycth a large broad haven, called Sheepeshaven, but it is at fo-shoare, which is very foule with dry plates and Rocks. When me places towle ground, within it men may lyc landlockt for you are come right againft a little caffle that ftandeth on the all winds. The west point lieth out, called Hornehead, or Ca- north fide, right sgaiost it lieth of a little riffe from the shoare pe de Horne, upon it is a hill with two hommockes; to fee to that you must avoyd also. And when you are come about the point of that riffe, you must goe over again to the north side, Hornelead At the west fide of this point, men may ride and anckor for the fouth fide is there flat and should. Betwixt Saint Johns Cape de within the rockes for eafterly windes. Betwixt Lough-Swilly point and Dungal haven alongft the coaft is all over good anc-

The haven of Mov hath at the comming in abroad bay, in it Move fing, halfe a league from the land, lyeth a ledge of rockes; lye fome rockes. For to fayle in there, you must leave the mall which at high water are under, and at low water lye above wa- on the well fide, that is, on the flarboard fide, & run towards a ter, men may (for need) goeth through betwixt it and the land, little fandy iland, that hath at the northend a little riffe, you it without it is belt and fureft.

mult goe into the westwards of it, and leave that i land on the Westmorthwest about two leagues from Cape de Horne or larboard side. Even within that foresayd iland lieth another Hornhead, lyeth the iland Tore, to the fouthwards off it lye little round green iland, that must be left on the starboard fide, three Hands, called the ilands of Baleneffe, men may fayle fo foon as you shalbe right against it, you must let fall your Tor: He, Tore, and the Hands of Balender, and allo within the rocks, Hands and the Tore and the Hands of Balender, and allo within the rocks, Hands of Welt and Hands of Balender, and allo within the rocks, Hands of Welt and by four the Hand Tore to the Hes of Aran, the course is fouth-Hands of Welt and by four 6 or; leggies, betwist them both, nor far family and the Hands of Welt and by four 6 or; leggies, betwist them both, nor far family and the Hands of Welt and by four 6 or; leggies, betwist them both, nor far family and the Hands of Welt and by four 6 or; leggies, betwist them both, nor far family and the Hands of Welt and by four 6 or; leggies, betwist them both, nor far family and the Hands of Welt and by four 6 or; leggies of Welt and b the S. grounds, there is at high water with an ordinary tyde no For to come to anckor under the ilands of Aran, comming more then 9 foot water, being come over the neck, you shall out of the north, run alongst by that greatiland, leaving it on come into a poole before the towne Moy, there you may ride a

northwards a league or a league and a halfe at feaboard of the bron

Broad haven lieth in S. and by weft, in the found lye 3 or 4 A great league to the westwards of Broad-haven lieth an out

ght with the great iland Aran.

From the lland Aran unto the point Tellinghead, called by along to Black-rock S.S.W. Black-rock is a great high black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black black the Irish cape de Telling, or Telling, the course is S. S. W. 8 or rock with more other rocks by it, and lyeth from the foresaid nine leagues. Three or foure leagues to the northwards of C. point S.S.W. distant about 6 leagues, & about a league northwest from the out point Acklehead.

Acklehead is a very high point, and sheweth it selfe a farre Acklehead land, men may faile through betwixt the iland and the Cape, off like an iland with a great Saddle, thereby it is good to be knowne. Within this point lye also 2 exceeding high hills, To the fouthwards of C. de Telling, to wit, betwixt the which together with the point men shall see first at sea before Cape and the Stagges of Broadhaven, I yeth the land with a my other part of the land, fo that the point doth fliewit felfe great baye, where in Iye many goed havens, as Tilling-haven, first like three ilands. Men may sayle throught betwixt Ackleilbegh, Dungall, Ballafhaven, Slego, Endrigo and Moye.

From the Cape of Telling unto Kilbegh lieth the coast E. doe leave Acklebead on ftarboard, end black-rock (with the a halfe from the cape, lieth Telling-haven, a round bay with through betwixt them both northnortheaft and north and by

havens, where it is good riding, a litle to the N. wards of Acle-Kilbegh, or Calebegh is also a faire rund bay, but it is very head, you may run into the w. wards, betwixt the low land to

land, a very high hill like a Sugerloafe, called S. Patricks-hil, parricks-About a little league to the eathwards lyeth another Bay within some rocks, called Mackswynsbay, but it is not to goe seen long, altering it selfe by the cliffe land, as men faile long

> gories, before the bay of Galloway, the course is S.E. 9 leagues. Before the bay of Galloway lye's great Hands , called the

O

The coasts of Ulster and Munster from Bandhaven to Mizanhead.

twist the northermost and the middle most, is called the found there goeth a very strong tyde as well of flood as of ebbe. An S. Grego of S. Gregory, which is on both fides cleane without any foule call to the other. Which is on both fides cleane without any foule call to the other fides of the seamed ground of for that meany turne into and againe from the one il and to the other, without feare of taking any hurt. The N. is one of the other without feare of taking any hurt. The N. is one of the other without feare of taking any hurt. The N. is one of the other without feare of taking any hurt. The N. is one of the other without feare of taking any hurt. The N. is one of the other without feare of taking any hurt. The N. is one of the other without feare of taking any hurt. The N. is one of the other without feare of taking any hurt. The N. is one of the other without feare of taking any hurt. The N. is one of the other without feare of taking any hurt. The N. is one of the other without feare of taking any hurt. The N. is one of the other without feare of taking any hurt. The N. is one of the other without feare of taking any hurt. The N. is one of the other without feare of taking any hurt. The N. is one of the other without feare of taking any hurt. The N. is one of the other without feare of taking any hurt. The N. is one of the other without feare of taking any hurt. The N. is one of the other without feare of taking any hurt. The N. is one of the other without feare of taking any hurt. The N. is one of the other without feare of taking any hurt. The N. is one of the other without feare of taking any hurt. The N. is one of the other without feare of taking any hurt. The N. is one of the other without feare of taking any hurt. The N. is one of the other without feare of taking any hurt. The N. is one of the other without feare of taking any hurt. The N. is one of the other without feare of taking any hurt. The N. is one of the other without feare of taking any hurt. The N. is one of the other without feare of taking any hurt. The N. is one of the other without feare of taking any hurt. The N. is one of the other without feare of ta fide of the middlemost ilands is nothing else but faire freep lieth the coast with a great Bay, wherein lie fome little ilands, nde of the middlemoit hands is holling the bet lated you must fluin the called the Hoggs.

Called the Hoggs.

A little to the castwards of Smerrick lieth Sinbrandonhil, a

middlemost, because of a litle riffe that lieth of it. fland, into the great bay of Galloway, likewife alfo to the fouth- lands thereabouts, they that come out of the feafrom the westwards of the fouthermost, to wit, through betwixt the fouther- wards, shall fee that hill first before any other land, and therby most iland, & the maine land, but that iland is foule at the easily know it: Men may see at sea in the offing, 12,14, and so fouth end of it, & therefore you must run in alongst close by metimes 16 leagues of, according as the weather is cleare. the fouth shoare, or at least leave two third parts of the channell towards the iland, as well in failing in as failing out.

by it in, whether you come in at the fouther channel, or throuh called the Sound of Blaskeys, lieth through nearest N. W. and S. Grigories found, or else in at the norther channell, for the S.E. Hee that is bound to the nordwards, may anckor at the north fide of the bay is foule and rocky. About 2 great leagues fourth fide before the found for westerly and northerly winds, Motton-ile N.E. from Black-head, lieth an ilaud, called Motton-ile, under and not be in-bayed upon no leefhoare: For of the winde fuft

You cannot faile further up to the northwards into the Rimoone maketh there full sea, and it floweth there so strong in voyage. There runneth through a very strong tyde, as well of the baye, that the rockes which at low water are above water; the flood as of the ebbe which must be considered. at high water you may faile over them, at low water the fpring tydes, the grounds fal dry W. S. W. from Motton-ile, a great

League and halfe of, most all rocky and foole ground.

When you faile from Blackhoad towards Metron-laud you must take heed of the north-fide, and edge over most towards take heed of the north-fide, and edge over most towards the found fide. About halfe ways be twirk them both, lieth a plate or ledge nearest the north fide, you must goe in along it not to the devide fide. It is a fine of the west that the north fide is not the sound of the work head and W.S. W. monaket is little. In the ching a feaboard a fourthwest and N.E. Moone. by it to the fouthwards.

From the Bay of Galloway to Lupithcad, the north point of the haven of Limbrick, the course is southwest mine or 10 From Longhsoyle to the llands Enesterinal northwest 40rs leagues

ashowld which you must shun, & faile alongst to the fouthweth wards of it. From the iland Seatrick unto Limbrick, are more From limit head to Smerrick fouth weth 12 or 13 leagues, first from thence to the Hand Quoise 4 or 5 to the northwards of them: from thence E.N.E. unto a great The great rock, called the great Beefe, and then foutheast unto another and indegree are rock, called the little Beefe.

When you are completional.

When you are come before the towne in the Haven, you

Kilbegh

thands of Ilands of Aron, the northermost is greatest, the channell be- must make fast on the Castle with three or foure Cables, for

Men may also faile to the northwards of the northermost very high hill, which lieth in height very much above all other

Foure leagues westfouthwest from Smerrick, a litle of from the land lye 4, or 5, Ilands , being high round Hills and rocks , Somewhat within the ilands, on the fourh fide lieth a high called the Blackeys, with fome other rocks and little Ilands Blackhead blackpoint, called blackhead, you must be are into it, & alongst about them. The Sound betwirt them and the maine land, is it on the E, fide you must anckor in a poole, in 5 or 6 fathom. easterly, hee may either goe through the found, or else goe about a Seaboard the Blaskeys. If the wind shift westerly or ver with shippes, but onely with boats. A northeast and S.W. southerly, he may run through the Sound, and further his

## Of the tydes and courses of the streames.

### Courfes and Distances.

Lapified

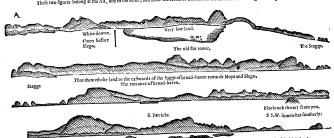
Team the Bay of Calloway to Lapificad, the north point of the third prediction of the control point of the third prediction of the control point of the third prediction of the control point of the third prediction of the point Lapified point of the point Lapified point of the point Lapified point of the point Lapified point of the point Lapified point of the point Lapified point of the point Lapified point of the point Lapified point of the point Lapified point of the point Lapified point of the point Lapified point of the point Lapified point of the point Lapified point of the point Lapified point of the point Lapified point of the point Lapified point of the point Lapified Startick, by one for faith of the point Lapified Startick, by one for faith of the point Lapified Startick, by one for faith of the point Lapified Startick, by one faith of the point Lapified Startick, by one faith of the point Lapified Startick, by one faith of the point Lapified Startick, by one faith of the point Lapified Startick, by one faith of the point Lapified Startick, by one faith of the point Lapified Startick, by one faith of the point Lapified Startick, by one faith of the point Lapified Startick, by one faith of the point Lapified Startick, by one faith of the point Lapified Startick, by one faith of the point Lapified Startick, by one faith of the point Lapified Startick, by one faith of the faith of the point Lapified Startick, by one faith of the point Lapified Startick, by one faith of the From Smerrick to the blaf keys well fourthwell From Sleynf head to Sinbrandonhill fourth and by well leagues there are two little Hands, you must faile close alongst | From Steynt head to Sinbrandonnia tourn and by west | 22 leagues Heights.

The Ilands of Enefterhul at the northermost point of Ireland lyeth in 55 legrees and 10 or 12 minutes The River of Galloway lyeth in

## How these Lands doe show them selves at sea.

The Iland betwixt Kilbegh and the poynt of Slego

The high hommock upon the point of Slego. Thefe two figures belong at the  $\Lambda\Lambda$ , one to the other, and thew the forme or likeneffe of the land betwize kilbegh and Slego.



Two land to the northwards of Blackrock, as fame as the Stagger, and then to the fourbwards along paft S. Patricks hill, fleweth, as in thefe two figures is beforibed, when men are downs of Blackrock,

The coasts of Ulster and Munster from Bandhaven to Mizanhead. 39 Thus sheweth the land betwize blackrock and Ackelhead, when it is east from you, when you come more to the northwards, thefe high hils doe alter also wider one out of the other The point of Blackrock sheweth thus, when you are to the nordwards of it-Thus sheweth the point of Blackrock , when men are to the fouthwards of it, then they fee a sharperocke over the point.

Don Patrick or Patrickshill. Thus showeth S. Patricks hill, when it is S.B. and by S. from you, being not faire from land, at the N. fide of it live fome little Ilands and rocks. S. Patrick hill. S. Patricks-hill. Blackrock. Thus sheweth the second point the northwards of Blackrock, lying in the height of 54 degrees and a halfe. The llands, as also the maine land by north and by fouth the bay of Galloway, show as you may see in the ce following Figures, when as you are right before the Ilands of Aron, which lye before the Bay of Galloway. N. N. E. roleague North being 8 leagues from you Thefe & following figures belong one to the other, as the markes doe show. Betwixt these two Hands, it is 20 fathom deepe. The 3 Ilands of Aron before Galloway. E. and E. and by north 4 leagues. E. and E.S.E. S.S.E. 8 league S. and by E. 9 leagues ongeth to the 3 figures, going before the AA, BB, CC, one to the or Eaft 5 leagues N.N.E. Aleagues being 8 leagues N.Eland by El from you Thur shower the lind on the linds between the Lennick and Galloway, when as you come out of the Being northeast and by north 4 leagues from you.

Northeast a leagues Northeast and by east 4 leagues When as the middeft of the Ilands of Aron (which lye before Galloway) is northeaft 4 Dutch leagues from you, it sheweth it felfe thus: and that C. Kerry, or Sinbrandonhill The land of C. Kerry, or Sinbandonhill (by fome called Devels hill) unto the blackeyer, Jying N. E. and by E. or 6 leafters shewer, as in pidtured on the first of the blackeyer, when the footefack hill of Sinbandon is 8,5 E. from you three of four leagues.

Linds to the northwarded the blackey. A Chumell The Blaskeys, Llafques S.S.E. being s leagues and a halfe from you The blafques being S. E: and by S. 3 leagues from you, sheweth thus.

The highest rock of the Blasques, being two leagues east and by fouth from you, shweth thus

## The fixth demonstration,

Where in the coasses of Munster, betweene Blasques and Oldbead, and the south coast of Ireland, from Oldhead to Water ford , are fet forth.

the Blaskeyes goeth in a great broad bay deepe into the land, two great rockes high above water, but clean round about, men Dinglebay called Dinglebay, with divers havens in it.

About a league and a halffrom the Sound of Blaskeys lieth a haven called Ventrie, a great league to the eaftwardes off it another called Dingle, or Dingle Couch, it lyeth north and by

The Crow west in at the west point of it lyeth a rocke, called the Crow, which is clean round about, so that men may faile round about and by fouth distant eight leagues.

haven at the east end of the Hand Valentia, called Begenney, which lieth caffoutheaft in, you must give the east point off the llands a livin off, because it is fowle, and lieth a good des, men may goe in dofe by the north or east point, but a lite

ny Hands , haven and roads.

C. Dorley is an Hand within which their layer and 1300 diverclean ground. the east fide a birth, that is, the fide of the maine land which is come within, anckor there.

Ball Cow and Cafe: most or the westermost is called the Ball, the middlemost is fowle ground and rocks, somewhat of the iland to feawards called the Cow, and the other the Calfe, they are clean round fome above, and fome under water. about, fo that men may fayl there through between them,

point Mizanhead, betwirt them both goeth in a great Bay or flore, to the N. wardes lyeth a litle iland fo low in the middeft, point or Laureau, oct water line in some passent and roades) call that at a fpring tide the fea floweth over, & divideth it in two.

peopre, cancer the time east point and the same flat Towers, but men kan hardly fee them Except they be A great league from the cast poynt of the Whiddy, westnat I owers, out men kan naruy ice them Except they be neere the land. Alfo a great league more to the northwardes, or threwth, lytch a have called Longerf, when you half layle Larged from the forefayd point towardes it, you fiall mere right in great broad Bay, called Dounams Bay, there is no. the fareway, about halfe wayes over a great rocke, which men

in there you mult keep the mid way, in the entry of the haven good ground, there is no more danger, but men may fee it. in there you must keep the mid way, in the entry of the naven good ground, there is no more danger, but men may fee it, it is clean, without any fowle ground: after you be come in, there flanded to mit lathout and fide a mined callle, and a little ground the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state Road in further are two little rivers, close one by the other, between the west fide of the Bay, because it falletha way so alongst to Road in Beenhaven these two little rivers stand some Fisherhouses. Men may sayle the westwardes.

into the foresayd litle rivers, they are deepe enough, but comto the northwards off the Iland Beer haven, and come touto off C. Cleare) open, then hee shall fall right with Crooks

Even or eight leagues to the fouthwards of the Blas- | the eastwardes into Bantry. The Sound on the north fide of keyes be three great Rockes called the Skellocks, the Hand is large, broad and cleane, 13, 12, and tenne lathom the caltermoft about a league, and the westermost deepe. The east poynt of the Yland is assure point, and very two great leagues a feaboard the land, when you fowle, therelyeth of a ladge of rocks, where off fome ive come from the fourthwards and fee them first, they under water, and some above water at low water, but the fixew like fayles of fhips. Betwist the Skellockes and fide off the mayne is cleare and cleane. In this entry lycal for betwixt them and the foresaid ledge of rockes, or also to the northwards alongst betwixt them and the mayne land, as well in comming in as in fayling out, there is no danger more then men may fee.

From Beerhaven to the north point of the Hand Whiddy, The Whid it on both fides, within taking any hurt, a thigh water with fpring tyde, it floweth even under water. This haven of Dingle leagues: over against Beer-haven in the miedest in the fareand the Skellockes, lye northeaft and by north, and fouthweft way, it is deepe 40, 36, and 30 fathom, within the Hand, 15 and 16 fathom, but further in towards the Hand Whiddy , it Northeaft from the Skellockes, foutheaft from the Sound is againe 20 and 27 fathorn deepe: men may fayle round about of Blaskeys, and fouth and by eaft from the Ventrie, lyeth a the Iland Whiddy, (which is about a league long) but to the

wayes off: there lyeth alfo a funcken rock on the Yland fide, within the point, lyeth a litle ledge of rockes, a little musket which you mult take heed of when you are come within the short of from the shore, which at high water lyes under, but a entrey of the haven, you must goe cast and by north unto the road, which is right against a red chiffe that lyeth on the fouth to be shunned, being passed that, you may anckor allover. About that forefayd pointlye two small ilands, by the greater The Skellockes and the Cape Dorfey lye northwest and men may sayle alongst on both sides of it, either within it or foutheast, seven or eight leagues a sinder, betwist them both without it, until before a Gentlemans house which is white, goethin alfo a great broad Sounds, northeaft, wherein lye maupon the ilaud Whiddy, and anckor there against it in 3 or 4 or 5 fathom, fo deepe or fo fhould as men will, according as C. Dorfey is an lland within which men fayle and ryde un-men desire to ride neere or far from the store, it is there all

wer clean ground.

He that will fayle into the fouth point of the Whiddy, had for to the fowle, and runin alongft by the fide of the Iland, untill you be need be very well acquainted it is there to the fourthwardes be-fourthtweene the Whidday and the maine land, at most placed fowle wards of Without the Cape Dorfey lye three great rocks, the outer- and flony. From the welf fide of the Whiddy, Iye alfo form waids in the wall of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the Whiddy of the

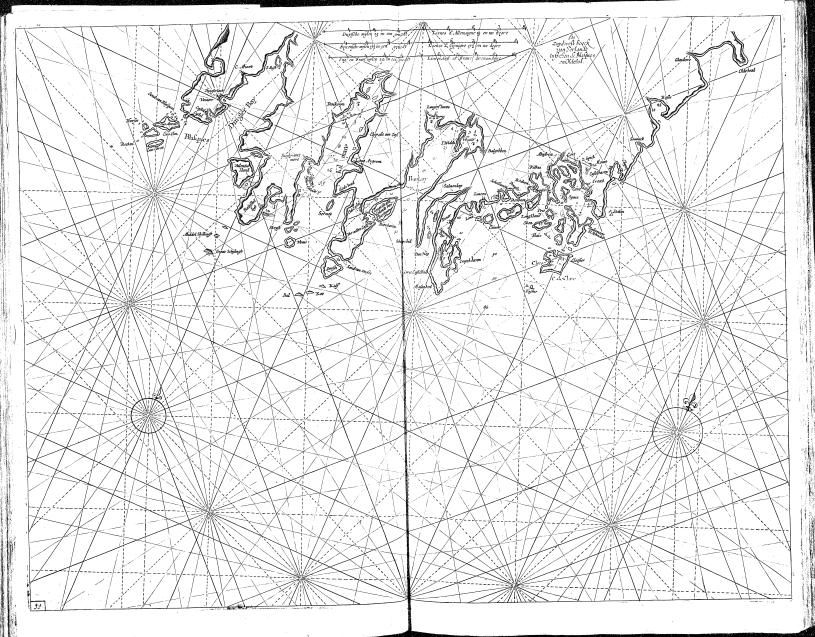
To the fouthwards of the Whiddy upon the maine Land, without feare of any danger, there is nothing that can hurt but standards a Friery or Abbey, called by the Irifi the Abbey, right the Abbry and the Triery or Abbey and the Irifi the Abbry and the Irifi the Abbry and Irifi the Abbry and Irifi the Abbry and Irifi the Abbry and Irifi the Abbry and Irifi the Abbry and Irifi the Abbry and Irifi the Abbry and Irifi the Abbry and Irifi the Abbry and Irifi the Abbry and Irifi the Abbry and Irifi the Abbry and Irifi the Abbry and Irifi the Abbry and Irifi the Abbry and Irifi the Abbry and Irifi the Abbry and Irifi the Abbry and Irifi the Abbry and Irifi the Abbry and Irifi the Irifi the Abbry and Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the Irifi the against it is the common road, & it is very good ground in 4, 5 About feven leagues eaft foutheaft from C. Dorfey lieth the or 6 fathom, according as you shall ride fatre or neere to the

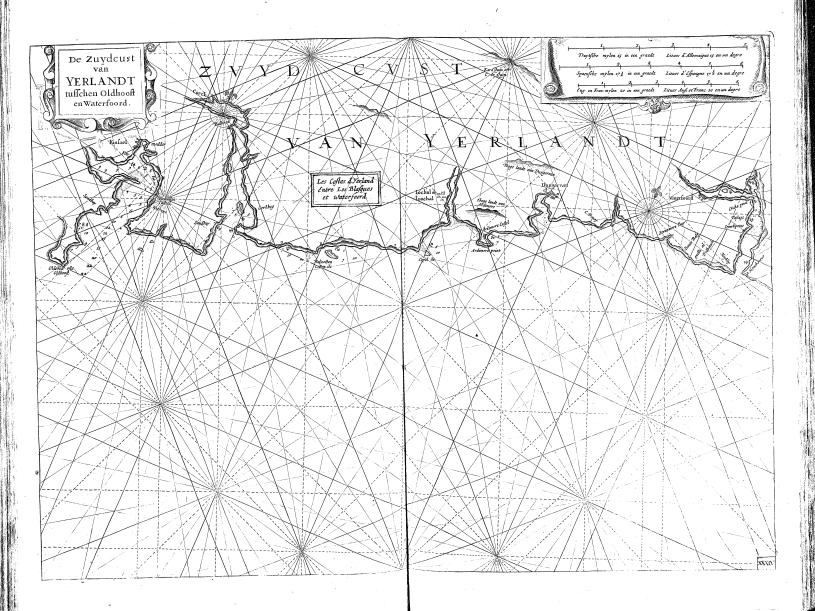
A little league to the eastwards of the Abbey lyeth a little Agreat league to the northwards of Mizanhead , lyeth a towns upon a little river called Balgobben , at high water men The cat-poynt, called the three Caftlehead, upon it flandeth three may goe up ther with ther boat, but at low water it falleth dry.

thing to doe norto fetch, but it is a fit place to fave thips, and may be fayled about on both fides, but it is best on the offfide. The off-fide is cleane and cleare, but on the inner-fide all over good ancror ground.

From Sheephead to Beerhaven, the courfe is north and by Beerhaven weft, or fomewhat werflerly about two great leagues, it goeth in between an lland on the eaft fide, and the main land to wards C. Dorley on the west side, it is about a great musket trance on the starboard side, lyeth some sowie ground, which wards C. Horicy of the well that, it is about a great induced in the that the forefayd Iland on the eaft fide is called the Y- at low water (the Spring tydes) may be feen drye, thefe must land of Beer-haven and is about two leagues long. For to fayl be fluunned, or els it is there within all over good anckoring &

into the forelayd interwers, new are osepe enough, but com-monly men doe anchor before them, no by that brefugh mi-monly men doe anchor before them, or by that brefugh mi-de calle, or els formwhat further in, it is all over good anc-toring, and cleane ground, except right against the forefagd littlerivers, by fome rocks about the middle of the channel, from the call, and is bound in there, muft runne alongft by have little rivers, tye tome rocas about the migule of the channel, monthing attract, and is bound in there, mutrupne along it by which a high water are under, and at low water by above wa. C. Cleare, up about it to the northwards, fo fare until he ter, these onely mult befinned, but men may goe on either may see through into fea to the northwards of the iland off ter, these somewhat further in the Bay standerh another C. Cleare, as through a hole, and set then his course westcalled Oldcaftle, from thence men may fayle alongth northwelt, keeping that forefayd hole (to the northwards





haven which lieth in well fourthwest. And there he may anci-thermost (that is the greatest) right on the cast poynt, them kor before the litle town in three fathom, and two fathom and jou shall goe through betwixt the suncken rock and the point: a halfe. It was wont heretofore to be deeper there, but it is but if you keepe the northermost (or the smallest ) a little spoiled most by casting of ballast, men may also anckor furwithout the foresaid point, so long until you have brought ther out then before the towne, there it is deeper, and all over the forefayd old ruined Caftle, without the innermost point,

School- gues, from this rock lieth a haven called Schoolhaven.

11e Sherck another Hand, called He Sherck. To the eaftwards off it, bethen weftwards up unto the Kay of Kinfale, there you may
wist that Hand & the maine land goeth in a haven called Balauckor in eight or nine fathom, and lye landlockt for al wiu-

ven, but within the mouth off the haven it is large and broad, a bay, where it is oasie for ground, part whereof falleth dry there may you anckor on both fides wheare you will, and lye at low water.

landlocktfor all windes. On the weft fide within the haven Foure leagues too the eaftwardes off Kinfale, lieth the hafixe fathom; in the middeft off the haven, it is fixe and feven of Corck, you shall fee (fayling along the coast) two steepe fathom deepe. A little to the northwards of the forefayd hommockes like Towers in the land, not farre one from the

betwist these llands, it is rocky and showld, so that it is not ter, seven, eight or ten sathom deepe.

good to goe through within, except men be very well acquain—

A little without the east poynt standeth an old ruined Castle

ted, and yet at high water and fpring tydes.

and the maine land, it is there large and broad enough. Northeast about two leagues from the forefayd Stagges, the point of Jochul.

Inter the at almost the terroratine, that there is not to lotterly winter, minute, informer, they, or it atom. Lotter and to the land, that at low water men may goe of yo for over from it to he main land. Within the haven landed has little land, and the manner land, which the haven landed has little land to the land land. The have refer to the main land, which is there, you mult runner in right with it, in the haven of lothil is a broad haven, where men mult prome in right with it, in the has the land the land the land the land the land to the land the land the land the land to the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the land the close alongst by the foresaid little Hand on the east side : when west and by north. The west side is a sandy strand alongst to you are come in , thwart of the Chappell, you shall fee a Castle the downe. on the west fide, over against that Castle you may anchor in About a league fouth and by west from the havens mouth chappelile

lieth a high point, called by the Irifh, Kedonetedo, there by mouth lieth a rocke within it. About halfe wayes to the tow-Glandore, it on the welt fide is a good haven, called Clandore: For too ne standeth a friery, before it men may ride they may also edfayle in there, you mult run in along it close aboard by that fore ge over to the east land , and then run up the river. Within it faid high land on the east fide for too shun a rane of rocks that is three, foure and five fathom deep. From the east fide lieth lieth on the west fide, and lieth off somwhat towards on the a rane of rockes, at least halfe wayes over in the havens mouth, caft fide, when you are come in, jou may anckor before a Ca- a little without the rocks it is at low water no more then five Ole in five, or feven fathom,

east or from the west, and see it first, it seemeth to bee an Iland, which may bee seen wel 4 leagues at sea, within is a bay, which upon the top off it flandeth a ruined callet with thee Towers, in upon the top off it flandeth a ruined callet with thee Towers, in whereof it middle middle with the top off it flandeth a ruined callet with the Towers in a good road for wetlerly windes in Edyndria with the whole of the whole of the tower in the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the tower of the towe

Kinfale, the haven of Kinfale, lying in northnortheast, jou may faile it lyeth in northnorthwest, within it is deepe enough. The the material animate, ying in material region and plane it tyen in moviment metric. Within 18, accept enough. The in there, keeping he middle of the channell, there is no dan-log re, neither without not in the harbours mouth, but one fumber nock dole by the ealt poyer. When jou come in from the within 18, and the power in the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material region and the material regio Oldhead, or from the fouthwards, and jou keep an old ruined mountaine of Sleges, which men doe cal the high mountaine without the Innermost east point off the haven, then you shall selve with three exceeding high hommockes, farre above all not come neere the rocke to take any hurt off it. About a great other lands, thereabouts men may see it at sea alongst a great halfe league to the eastwards or the havens mouth , lye two part of the fouth coast of Ireland. greatblack rockes, the one fomewhat further from the flore then the other. When jou come from the caftwards, and you you, and fayle in right with it, you shall fall right with Dongar will goe in close about the east point, and jou keepe the fou- van.

then you shall goe alongst without it, and then in the midst Two little leagues weft and by fouth from C. Cleare, lieth of the channell along it by the eafter fhore. A little paft that a high freepe rock alone in the fea, called Faftney, which she-fore faid old ruined Caftle, standerh a Caftle on the west side a ungo neether the most a first general most reference and the most a first general most runner to a most reference and the most a first general most runner to a power, then liet in off a flowing, which must be thaneques, from this rock liet ha haven called Schoolhaven.

A little to the caltwards of the lada off Cape Cleare lieth incetion, and therefore you must keep close along by the earlier

A little to the caltwards of the lada off Cape Cleare lieth

inceminimum to a most remained to a power to the lieth off a flowing, which must be thanend, and therefore you must keep color for a flowing to the color for the calt with the color of the calt lieth

ince the color of the color of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth of the calt lieth temoore haven: It is fomewhat narrow at the mouth of the hades. The towne Kinfale lietha little to the northwardes in

flandeth a Friery, close before it you may anckor in five and ven Corck, betwirt both abouth a league too the westwardes Gorck Friery flandeth a castle upon a point. In the mouth of the ha-

ven lieth a funcken rock, neerelt to the eaft fide, and within in you are thwart of the eaftermost, you may see the havens the midded for the haven lieth arocke, which at high water mouth of Corck, that lieth in northnorthweft, within it is lieth under, and at low water lieth above water, there is nowide and broad, and goeth up into the land with a broad river. things els that can hurt. A little to the eafwards without the long that another rock 6 or 7 fhipps lenghts from the shore. To the northwards of the Iland of the Ile Sherke, men may on the west side, somewhat farre, in lieth another point with goe to the weftwards through betwirt le Sherke, and the lland an old ruined caftle, there also lieth off ashowld; to the north-Spain, and come out againe into fea by C. Cleare, but it is to wardes if it, mengoe about to Corck. Within that Caftle ands of bee done onely with final flipping, and yet not without dan-lieth a liter tych laven in a fandy Bay. Within the haven lieth eger. Betwixt lle Sherke and Spain, is at halfe flood not more an Iland, where mendoe fayle round about, and at the fourth then twelve or thirteene foote water. At divers other places fide thereof may ride. It is in this Hagen of Corek at low wa-

upon the low land, and fomewhat further east ward, a square A little league to the castwards of Baltemoore lye the Stag- Tower in a valley. A league to the castwards off the havens ges, an English mile from the shore, they are five or fixe high mouth standeth a Tower upon a high poynt, close to the wa-Reeperocks. When men come from the eathwards along thy ter fide with ten or twelve thatch houles by it Moreover, at the thore, and get first fight of them, they are like unto fome league further east, by a smoot point, lieth a long rock growen fpirie towers together, men may faile through betwixt them about with greene, upon the east fide off that poyut standeth a flat tower, Further, it is to the eastwards all lowe land, unto

Calibaha - Ich Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Calibaha van Cal

of Iochull, lieth a little Ilands called Chappell : under it on From Caftle-haven unto the Oldhead, the coast lieth most the east side is a good road. He that commeth before Iochul E. N. E. and V. S. welt, but C. Cleare and the Oldhear lye at a lowwater, may goe under that foreignd land to ride there, N. E. and by eath, and S. W. and by well dilitant 15 or 14 legs, and flay for the last quarter flood, then there is four each About halie ways betwist Calle haven and the Old-head, thom water upon the bane. At the well point of the Havens or fixe foot water, but a high water it is deepe enough.

The Oldhead or C. de Velho, is a point that lieth out farre Foure leagues to the eaftwards of Iochull, lieth Dongarwithout the other land, the outermost fourth end of it is very van haven, betwist bot lyeth an out point; a little to the eathigh & steepe, when jou are come alongst the shore from the wardes of it standeth a high blacke Tower, called Ardimore.

About two leagues north and by east from that point, lieth in there at high water, and runne in through betwixt the rocks,

cattle (that franceth within the haven on the east fide ) even of Dongarvan, or Cape de Quin, or Caray Quin, it sheweth it C. quin,

## Courfes and distances.

When you shall have it north off you, and faile in right with

in, you shall fall with watertoot.

In all these footing a livera makets high water as E.N.E. and two four the Tyder and Careff is 9 the streament.

In all these footing a livera makets high water as E.N.E. and two four the moons, for the streament of the streament of the streament.

At the Mizanked, C.Clare, and he they deeper within the land.

E.N.E. moon makets high water, and the could to the all water, and and by the streament.

Eller, to use the cannot each and fourthed moone.

Without c. Cleare by the land, the flood failed nave and the could be the streament.

Without c. Cleare by the land, the flood failed nave and the could be the country of the streament.

On these footing the streament and the country of the streament of the streament of the streament.

We thank the stream is point later, but in a clinic globard a fourbreat water and the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament of the streament o

Of the Depth.

Betwixt c, Cleare and the Dorfeys, men may fee the land in 18 and 60

fathon.

From c. Cleare to the caffounds mno Waterford, men may fee the lant in From c. Cleare to the caffounds mno Waterford, men may fee the lant in 4 fathon. The most part of the Scool of 1 related men may fee this 13 5 and 40 fathon in 13 5 fathon wou hallow from the land, wherefore come no | C. Cleare | peth in C. de Velio, or Oldhead | peth mere in 14 fathon.

Northnorthwest

When you finall have it north off you, and faile in right with it, the you final fall with clock, but when it finall be N. W. and for unit, you final fall with Corck, but when it finall be N. W. and for unit, you find that fall with waterford.

In, you final fall with waterford of the first water was a final fall with waterford.

In all this founds a favor and water final first water was presented as the standard of the standard and the first water was presented as the standard of the standard water was presented as the standard of the standard water was presented as the standard of the standard water water water was presented as the standard water was presented water was prese

Prom bizanhed to Cape Clarer cell and by found dillans | 1-legies 
and by eaft
From Clikhead, for cape de Velho to Corck northeaft and by eaft
From Corck to Waterford, the coaft lyeth mode aftnortheaft
From cape de Velho to the lander end of England foutheaft
45 leagues

51 degrees, 12 minutes 51 degrees, 28 minutes

How these Lands doe show them selves at Sea.

The land to the eastwards thwart of the blasquese

The blaskeys and the land to the eastwards of them, doe show themfore dust, when you fayle from the Skellocks towards them.

An entrance,

Al doubble ragged land.

Thus show the Skellockes with the land to the eaftwards, or to the northwards of them, when you are somewhat to the northwards of them, and sayle alongs by them

When you are by the Skellocks, them the Hands lying to the northwards and to the culturards of them, show themselves thus.

Ball and by north, 2 leagues.

Skellocket



E. S. E. : leagues and a halfe.
The Skellockes, being calt and by fouth from you 3 leagues, sheweth thus.

This is an entrance.

The is an entrance of the skellockes, the land from thence callwards towards. These Ilands lye to the southwards and to the callwards towards and very ragged land.

The Iland lyeth betwirt the Skellockes, and the Dorfeyes close by the land,

Thus show the Dorfeyes, with the rocks, Bull, Kow, and Kalfe, which lye without them, they are to the fourthwards of you.

This and the figure following belong at the A A one to the other.

When you are to the culturards or to the fouthwards of Dorfeyes, they shew as is pidared out in thefe a figure herebefore.

The eaft ends at 8 sheweth almost like cape Cleare, being cult from you, but it is a higher land.

Hilly and very rugged land.

Nor Northwest and by east.

The Dorfeys.

These two figures belong one to the other at the A A.
A broad channell, but which in it is al broken Land. East Northeast cape €leare Mizanhead.

When this cap, Cleare is c.m.e. from you, and Mizanhead n. e. and by call, then is the land unto the Dorfeys in these formes, as is sheweth in these two figures here above.

Mizanhead northeast and by call.

When that Mizathead is non-heaft and by call about two leagues from you, then above in the land to the northwards of it cowards the Desitys. And then may you also fee the listed of cape Cleare east from you.

and the fouth coast off Ireland, from Ouldhead to Waterford are fet forth. Fafiney. C. Cleare. The forme of G. Cleare with the rock Fastney,

This belongeth to the figure going before the AA, one to the other, is the land to the caliwards of Baltemoore, Rock 2 little to the caliwards of baltemore.

Thus showeth C. Cleare, when it is north from you 5 leagues, and there it is 58 fathom deepe.

C. Cleare sheweth thus, being north and by well from you C. Gleare. Sharpe hills within

The C. Cleare being N. w. 7, or 8 leagues of from you, shewech thus, If you then beare in north, you shall fall right with Oldhead, and when you come nears the shore, you shall loff right of the high land, and it shall feeme to be all low land.

Land within Land within

This followeth the former figure, the eaftermost hommocks at A are the high hills about Iochull, which you may hardly fee when C., Cleare is n,w.from you 7.0° s.leagues of, they lye farre within the land, an the clouds oftentimes hang over them.

C. Cleare is n,w.from you 7.0° s.leagues of, they lye farre within the land, and the clouds oftentimes hang over them.

C. Cleare is n,w.from you 7.0° s.leagues of, they lye farre within the land, and the clouds oftentimes hang over them.

C. Cleare is n,w.from you 7.0° s.leagues of, they lye farre within the land, and the clouds oftentimes hang over them. C: Cleare

When you are before Oldhead two leagues, or two leagues and a halfe a feaboard the land, then sheweth the land to the westwards unto C. Cleure, and the land to the castwards of Oldhead, in this forme.

Thus shewesh Oldhead when it is w. f. w. a halfe league from you, then may you fee the haven of Kinfale open, When Oldhead is west two leagues from you, it sheweth in this forme.

The land a little to the eastwards of Kinfale When the point of Roffe is well and by north from you, it showeth thus,

Old mined houses

The land to the eaftwards of Corck towards Iochull?

43

The Rock betwixt Iochul and corck.

When you are to the caftwards of Corck, not far from the land, and that the harbours mouth doth begin to open; thus a howevels helland as id deficited in their evon figures, as the AA, belonging one to the other, being reast the land is open-the to be shing land, but a far off (when you can fee the high land in the side in the shing land in the shing land is the shing land in the shing land is the shing land in the shing land is the shing land in the shing land in the shing land is the shing land in the shing land in the shing land in the shing land is the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land is the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing land in the shing l Innerland north and by weft. Innerland, far within the land.

Mount of Iochull: Thefe two figures belong at the B B, one to the other. Dongaryan.

When you are before lockall, or theresbours, (two or three leagues from land) fo that the high mountaine of cape Quin he north and by welf from you, then sheweth the land thus, the double innerland is very high blew land, you may fee it in cleare wether 12 or 13 leagues off.

The high land of Dongarvan. Iochull. Corck,

These two figures belong at the C C one to the other, and is the forme of the land betwixe Corck and Iochull.

The high land of Dongarvan showeth thus , being northnorthwest from you.

Thus showeth the high land of Dongarvan, when the westermost end of it is northwest from you,

## The First part of the Fiere Columne. THE THIRD BOOKE.

Of the

## NAVIGATION WESTERN

The description off France, Biscay, Galliassi, Portugaell, and Algerre, from Hosslans to the Straights off Gibraliar.

## The first demonstration.

Wherein are showed she coasts off France from Hey Jant to the River off Bordeaux.

good to beknowne.

For to fayle through within Ufbant, the courfe from the Fourne to 5. Mattews point is fourtheastff four leading the Coally the Coally the point of the Fourne by e wor overs of little Rockes, and to the fourthwards of them about an English mile one of the Press of rocks, such off within two Cables length the Coally the from the other: runne along the the Coally the from the other: runne along the Coally the behavior of the maine land, one Ufbant, for to thur the caff the coal the leading the Coally the property of the coally the fourth of the coally the fourth of the coally the coally the leading the Coally the property of the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally the coally

Hee that mult turne to windwards from the Fourier towards
Conquer, or S. Matthews point, I chim make ule of the Morthagen, or Conquerts on the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the Conquerts of the



length to the eaftwards off the smallest valley, according as is fouthwards of it, is best and broadest. For to sayle fortha-

Rom the Iland IIe de Basunto the Fourne, (the outer- [flewed in this figure, then it is time to calt about: and when most or westermost end of the maine land of Britising e) your name over to the westwards towards Whant, and that the the course is west southwest, and west and by sout thir [foresial Abbey of S. Matthewes commeth a little without the the course is welf foothwelf, and welf and by fout thir recent leggers. About halfe wayes between the host lyeth Cheese of About halfe wayes between the host lyeth Cheese of Abbervack. About a league northwelf without the rocks of Obbervack. About a league northwelf without the rocks of Obbervack habour a can be a rance of Rocks under water. They that by sight will fail or turne to windwards from the Found the rounds the Found to cheese the thread the rounds the Found the cheese the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to the read to th

that by night wil faile or turne to windwards from the Fourne of towards the Fourne, get them not come thereabouts neare the land then in 45 failthin.

A league to the eaftwards of the Fourne, and all along fit the context of the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in the failed in Ovens, within them on the maine land which is not very high, men thall fee (fayling along thy them) many white fand-bayes, and here and there forme little hondre, whereby the forefayd land there are hondre, when the foreign and there are hondre, when the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the fourth of the

by Rockes, untillyou come thwart of Blanck-bay, or neare Conquets-oort, there thandeth a mill upon the high land alone,
when it is eaft from you, then the fouther Hagels lie weft and
by north from you, and the norther Hagels northweft and by
north from you, and the norther Hagels northweft and by
north from you, and the norther Hagels northweft and by
weft: there is a foa high fat peece of land, a little to the eaftwards of the Abbey of S. Matthewes, a the rop of it being even
and plaine, like unto a long plaine houle, when that comment
and plaine, like unto a long plaine houle, when that comment
were not without the proper Conquest court, then run right with the blanck
being a lobey of S. Matthewes, a well tor them that are bound to the
commission of the unitwards. If you wil goe into this road
commission from Conquets-oort, then run right with the blanck
boines, untill that the Abbey of Saint Matthewes be eaft
of the three 
wards of the Abbey of S. Matthewes, the top of it being even and plaine, like unto a long plaine house, when that commerts and plaine, like unto a long plaine house, when that commerts were without the payer Conquets one, and the feoredrayd mill earlier and at high form you, then are also the Hagiles well and by fourth from you, then are also the Hagiles well and by fourth from you, then are also the Hagiles well such the wards of the Halphalm or Hayman hill when the control that from you. When Halman or Hayman hill when the control that from you. When Halman or Hayman hill when the control that from you when the sum of the sum of the Southermost worth to N. W. end of the northermost Mollens, by the Frienth coverthe N. W. end of the northermost Mollens, by the Frienth coverthe N. W. end of the northermost Mollens, by the Frienth coverthe N. W. end of the northermost Mollens, by the Great of the Southermost Alled Chemines, then are you also thewards from the Tourne towards of the forfial rock, and for doing, you can take no burt offit; but if you bring the Conquet, or S. Matthews point, You Matthews point, You Matthews point, You Matthews point, You Matthews point, You Matthews point, You Matthews point, You Matthews point, You Matthews point, You Matthews point, You Matthews point, You Matthews point, You Matthews point, You Matthews point, You Matthews point, You Matthews point, You Matthews point, You Matthews point, You Matthews point, You Matthews point, You Matthews point, You Matthews point, You Matthews point, You Matthews point, You Matthews point, You Matthews point, You Matthews point, You Matthews point, You Matthews point, You Matthews point, You Matthews point, You Matthews point, You Matthews point, You Matthews point, You Matthews point, You Matthews point, You Matthews point, You Matthews point, You Matthews point, You Matthews point, You Matthews point, You Matthews point, You Matthews point, You Matthews point, You Matthews point, You Matthews point, You Matthews point, You Matthews point, You

S. Mairewer Gloyfler.

Conquers oorn.

When you runne over to the eaftwards towards the land, and that the Abbey of S. Matthews commeth a Captione Barrest you have love the control of the land, and that the Abbey of S. Matthews commeth a Captione Barrest you have love to the land, and that the Abbey of S. Matthews commeth a Captione Barrest you have part the forefaid Nocke; but to runne along it to the purpher the problement of the land, and the land, and the land have love the land the land have love the land the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land have love the land h

The fecond part

THE THIRD BOOK

# FIERIE-SEA-COLVMNE,

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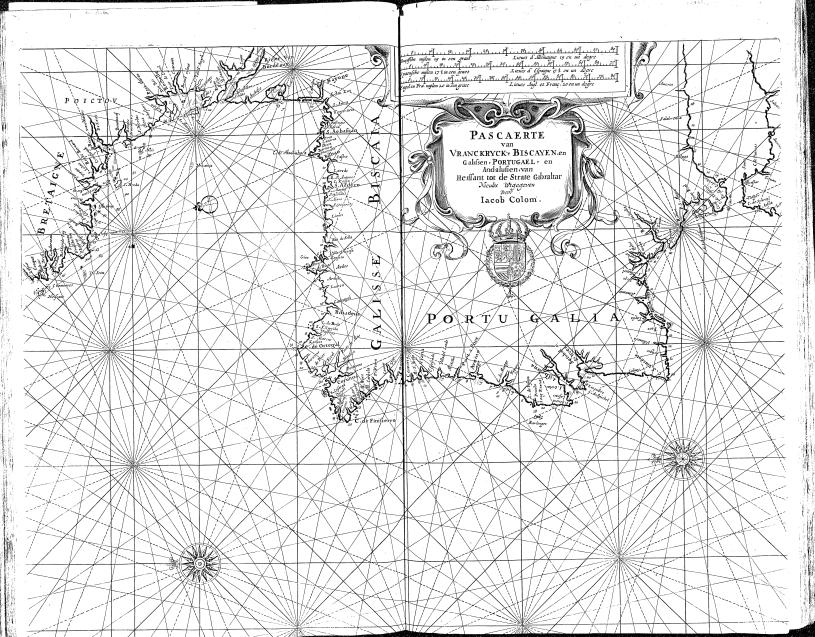
Is contained the Description, of the Seacoasts, of France, Galissia, Portugal, and Spaine, from Heyssant, to the Straites of Gibraltar: and with all the Elemmish and Cannary Ilands.

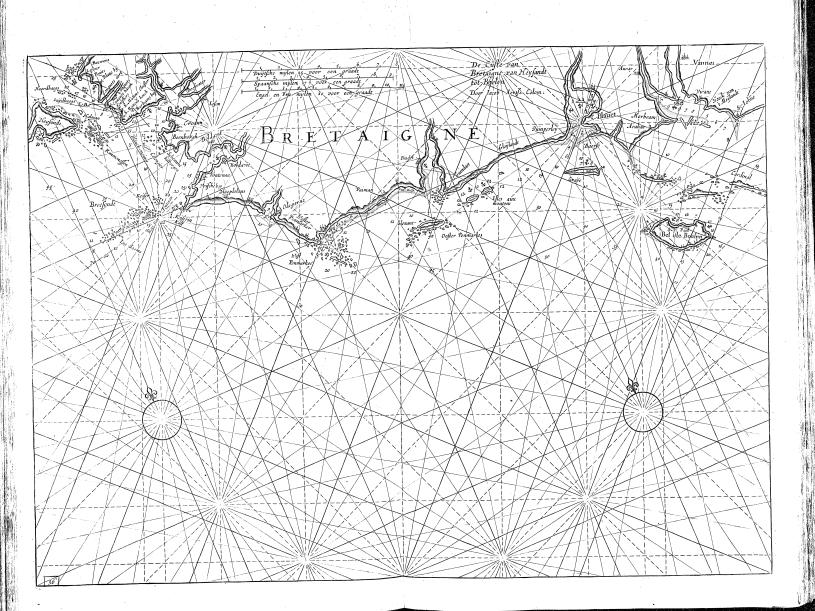
VVith priviledge of the High and Mighty Lords, the States Generall, for twelve yeares.



Printed at Amfterdam

By Iacob Columne, on the water, in the Fierie Columne,





longht to Creat (being part the toretaid rock) you mint run to the forth within two cables length a longth by the north floare.

A little within the eaft point off Cordon, or Claefdowns, lieth a rane off Rockes, about the middlef of the channell in in little area off Rockes, about the middlef of the channell in in little floaring, you mult goe away fouth and by eaft, and bring the mouth of Breth water, which that low water lie above water, Conquer-haven, over the popul off Saint Matthews, a little the control of the state of the channel in the control of the channel in the control of the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in the channel in and at high water are under water, called the Baginne, you may to the weftwards off the Abbey, and keepe them fo flanding runne alongft on both fides off it, but to the northwards off it, fo long as you can fee them, and you shall not come to near is best, when the fouth point of Brest water commeth over the foresaid Rockes, to take any hurt off them, When as them commeth without the point, faile then for jake to it, you mult. Leveler numer haver. From the fourtimetring of the jet commeth, which the point, faile then for jake to it, you mult. Leveler numer have faile fookes, called the Calle, anckor there with an anckor to feawards in eight or nine father, and with a cable a floare fail out atter. When you come within the Bagyrac you may edge up to the eaftwards, or to the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the called the c the fouthwards before the river of Landerneau or Lefou, and northeaft. He that will faile through here, must be very anckor there under the fouth-land; in ten, twelve, or thirteene careful to cast his tides wel, for it runneth most thwart over fathom, before the little towne old Croidan. Brest-water, or this Race, so that with a southwest wind, and an outfall or ebb, the river of Landerneau, lieth in most eastnortheast, and it and also with calmes, it is very dangerous to come into this is Pilots water, hee that is bound in there, may take a Pilot to Race.

and by west, and northeast and by east Moone maketh there gues westnorthwest into sea. A great league northwest from full Sea.

If you come to anckor within Breft, you must pay for anc- of men must take heed. koringe tenfouls, & for it you shall get a ticket off freedome,
If it should happen that you should loole your shippe upon Brilieth a row of rocks, like a bancke, whereupon it is not deeper

rock, there is good anckoring for a north, and northeast wind point west southwest 5 leagues into sea.

Over aganit Bartrans bay lieth Crotan of Cucionomes rively captures of the friends Matthews point, fourheaf diltant about 3 leagues; ends, in good anckorgound:
ti is a great bay. For tofale from S. Matrhews point to Croidan, jou mult keepe the fourthermoft Mullens even with Croidan, jou mult keepe the fourthermoft Mullens even with the control of the price of the price bay; lieth Boldavids Bay a Print-bay.

To the eaflwards of the Friends Bay, lieth Boldavids Bay a Print-bay. To the add eep found, lying into the land eafton theaft. At the goldavia was the print bay the print bay and the print bay the print bay and the print bay and the print bay the print bay and the print bay and the print bay the print bay and the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the print bay the prin out the black Moines (that are the Rockes without S. Matthe-cast side of that haven lie 2 little Ilands or Rocks, where men wes point) and go away eaft and by fouth, and eaftfoutheast may anckor round about them, and lie sheltred for alle windes. run in right with it, and anckor thereabouts, in 6, 7, 8, 9, or diarne, a good Haven, about five leagues E.S. E. from Fon-10 fathom, there is the road.

The Mullens are the rockes which lie there to the fouth may run about it on both fides in 6 fathom. wards of Ulhant, and to the westwards from Saint Matthews The south point of this Haven is flat, therefore run in apoint. Betwixt them and Ufhant lieth a channell northeaft long by the north point, there is at low water not leffe then and fouthwest through, which is indifferent large and broad, 3 fathom depth. From Oldiarne to the Pennes it is foutheast and deep enough, there remainest hat low water 6, and 7, fa and by fouth.

If you will anckor before Port Kapftand, jou must anckor before not faile a weather off Ushant and the Mullens, by reason in 12 or 13 faithon, before the village that standerhupon the off the flood may run through here, or he that commeth out high land about halfe wayes betwixt the point of the Race. & of the Sea, and with northerley winds, can not faile a weather the great faud-bay of Oldjarn, where the little flarpe I ower off Ulant, may with a flour in through heere, and fo fur doth fland, the point of the Race flaall then lie from jou ather his voiage, when men runne through here, either in or bout northnorthwest, and jou shall then lie a great half league out, and keep the middle of the channell betwixt both lands from the land, further off from the shore it is rocky and foule they can take no hurt.

gues, betwixt them both lie divers rocks, where off men must nor anckors. take good heed, as the Hen with the Chickens, the Collier, the Falconers, Scheminckelborrowes and other more. The Hen Gmewhat fourberly, and northweft formewhat northweft formewhat northweft formewhat for the Seames, and the Pennes, lie fourbeaft formewhat for the Seames, and the Pennes, lie fourbeaft formewhat for the Seames, and the Pennes, lie fourbeaft formewhat for the Seames, and the Pennes, lie fourbeaft formewhat for the Seames, and the Pennes, lie fourbeaft formewhat for the Seames, and the Pennes, lie fourbeaft formewhat for the Seames, and the Pennes, lie fourbeaft formewhat for the Seames, and the Pennes, lie fourbeaft formewhat for the Seames, and the Pennes, lie fourbeaft formewhat for the Seames, and the Pennes, lie fourbeaft formewhat for the Seames, and the Pennes, lie fourbeaft formewhat for the Seames, and the Pennes, lie fourbeaft formewhat for the Seames, and the Pennes, lie fourbeaft formewhat for the Seames, and the Pennes, lie fourbeaft formewhat for the Seames, lie fourbeaft for the Seames, lie for the Seames, lie for the Seames, lie for the Seames, lie for the Seames, lie for the Seames, lie for the Seames, lie for the Seames, lie for the Seames, lie for the Seames, lie for the Seames, lie for the Seames, lie for the Seames, lie for the Seames, lie for the Seames, lie for the Seames, lie for the Seames, lie for the Seames, lie for the Seames, lie for the Seames, lie for the Seames, lie for the Seames, lie for the Seames, lie for the Seames, lie for the Seames, lie for the Seames, lie for the Seames, lie for the Seames, lie for the Seames, lie for the Seames, lie for the Seames, lie for the Seames, lie for the Seames, lie for the Seames, lie for the Seames, lie for the Seames, lie for the Seames, lie for the Seames, lie for the Seames, lie for the Seames, lie for the Seames, lie for the Seames, lie for the Seames, lie for the Seames, lie for the Seames, lie for the Sea with the Chickens, and the middelmost Falconer or Fouke- stant about 13 leagues. niffe, lie from S. Mathewes point foutheast and by east distant The knowledge of the land betwixt Fontenay and Old-Sheete. point fouthfoutheast also aleague and a halfe.

most or fouthermost Falconer lieth from the northermost 55 fathom. fouthfoutheast about a halfe league, or two shots off a cast | From Oldyarue to the Pennes lieth the coast foutheast & peece, and from Croidan fouthwelt and by fouth, and is cove- by fouth 5 leagues. red at high water. Northnortheast a cables length from it, liet another funcken Rocke, which at low water may even be fee- feen them once: upon the fourtheast end standeth at hicke flat ne. To the westwards of the northermost Falconer lieth also Tower; a little to the westwards of it standeth a sharpe tower, funcken Rock which at low water may even be feene.

rocke, it is round about it deepe and cleane, in 6 and 7 fathom. 2 great rocks. The Chickens are two sharpe little rockes, which at low wa-

kiborougs Falconers, men may run through betwist them in ten fathom, starboard fide, and runne about the fouthwards of it (being past

longft to Creft (being past the foresaid rock) you must run to the point of Croidan, there is good road and ankor groundthe point off Crodan , then are you thwart of the forefaid you come to the Keyfer and Keyferiane , first give the Keyfer La-Bagyne, which lieth about two cables lengths from the north a birth, because off some suncken Rockes which lye off from Race of floare, runnealongit to the northwards of it: When the Breft the eaft fide of it under water. From the fouthwelt fide of the Fosteney

bring him in where hee defireth to bee. It floweth there with an ordinary tyde, three fathom up and downe, fouthwest of the Seames, and by from thence at least three or foure least the west poynt off the Seames , lyeth a funcken rocks , where-

taigne, you might there with challenge jour goods, else they then seven fathom, but betwirt the rocks and the Seams, it is 50 fathom deepe.

Battrams bay lieth about two leagues to the eastwards off Betwixt the Seames and Ushant the broad found lieth in Broad-S. Matthewes point, a little league past the foresaid function castnortheast to S. Mathewes point, and from S. Matthewes so

To the eastwards of Fontenay, or the Lavender, lieth the Overagainst Bartrams bay lieth Croidan or Claesdownes Frieye Bay, there men may anckor for a foutheast and east

until jon come before the bay, and my fee open into it, then jon thalf fee a Chuppell, or little Church flundupon a chiedle, fourther than the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court of the court tenay , thwart before the entry of it lieth a banke where men

ground, as fome fay. There have fome nevertheleffe come From S. Matthews point to the race off Fontenay, or the toanekor there by night in 3 or 4 leagues from the shore in Keifer and Layender, the course is south and by east, five lease 25 fathom, but have not received any hurt neither of cables

a league and a halfe, but the Collier lieth from S. Mathewes varne, are two round hills, which men doe call the sheets, or Slaplakens, to the westwards off them stand two Mills. It is The Falconers, or Foukeneffen, lie from the weft point of Croidanabout well-fouthweft an English mile. The inner- to beknown. Men may fee them without the Seames in

The Pennes are very good to be known, for him that hath and fomewhat more to the eaftwards against the high land, The Hen lieth from the Falcones well fourthwelt about two fitandeth a village to fee to like a cattle, upon the east fide cables lengths, or a flor off a call peece, it is a round fharpet thereof fitandeth a flat rower, and there close to the land lie

The Pennes lye off from the maine land, foutheast two lea-Thepens, ter may even be feene, and lie about the flot off a Bafe northnorthwest from the Hen, and west from the northermost there from the eastwards, and run alongst by the strant of the maine land, leaving all the rocks on the larboard fide, untill The Scheminckelbroughts lie to the fouthwards off the that you come to a great rock, which you must leave on the

it edge within it up towards the northwest, and you may rock underwater, a good wayes from the land; being come anckor there a little within, in three fathom at low water, lying within it, fayle then within two Cables lengts alongft by the there, you can see no sea, but at high water the sea cometh land, within a Base shot about by the north poynt auntil you there, you can see no sea, our ar mgn water the sea cometh stand, within a state that about by the north poynt, auditly out very much tumbling in through the Rocks: You may goe come before the village with the little flarpe Tower, called away from thence at high water foutheast through the Rocks! Pauls, there flandeth a castle upon the poynt to the westwards into fea, but you must take very good heed, because it is there of the foresayd little Tower, anchor within that poynt in nine men might well fave a great ship there.

fouthwards of them. Within the Glanons lieth a Haven, called it is there every where good riding. Binder, at the eaft point of that Havenit is full of rocks. For Within the Iland Bell-Ile, to wit, betwixt Bell-Ile, and the

rawen, and thus, occuping mem to normal and normals, and the report and the power of bellby call in, and then you cannot take hurst on neither of both
flores, and being come within the layen, anckor before the
Town.

A lengue fouthwest from Gloyland or Glenart, by the
flore allowed the Cardinall, he called the substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the cardinal substitution of the c

A resque sommer from Groyana or Astrant, by the joine and the Cardinals. This hash a good Haven on the orth fide, Dutchmen, called the eafter Permarkes, liet a great Rock the Cardinals. This hash a good Haven on the orth fide, under water, but is good to ofpied, in regard the fea alwayes going in by a great Rock. From the northwest poynt of the under water, but is good to ofpied, in regard the fea alwayes going in by a great Rock. From the northwest poynt of the 40 fathom deep.

Muttons. Ilands of Muttons, by the French called Ifles aux Montons, Iland to the maine land. you may faile through betwixt them and the main land, unto He that commeth from the weft, and is bound to Morcleane upon the north fide.

Heth in about normwert in 4 and 5 farmom, you the wen, noe home muce water, which is yetowards the other hands, which is of this haven flandeth a high flarpe Tower, called Quinperly, you must give a greater birth to, then to the forefayd great from the eath poly ir moneth off a great ledge of rocks, called the Baers, within it on the eath fide of the entry of the Haven or S. Johns, the course is northeaft or northeaft and by eaft

one and twenty leagues, but from Groy to Bell-Ileitis fouth- well in this Channell, for it runneth in and out the River of foutheaft five leagues. Bell-lle hathat the northweft end a Vannes fo ftrong that you cannot fayle in with an ebbe, alfreepe poynt, lying out with a great faddle, thereabouts fland though it blow a fform, likewife doth it to the contrary with

fide lye off many rocks and little Hands.

nno rea, out you muit une very good need, occanien is netter of interocupantine Lower, auctor winni trait poynt inductifull of Rocks, whereof fome are above water, and fome under water. Without the foreign great Rock in the comming the water. Without the foreign great Rock in the comming the and northwest wind. If it blow more northerly, you must find this lavera, it is at least ten fathom deep, so that for need not this law of it is a small containing usepposition to the might well fave a great flip there.

From the Penner to the Glamons or Glenant, the courfel lland literal about foutbeaft and northweft, according as the is eastfoutheast with that course you shall run alongst to the winde bloweth, men doe shift there from one road to another,

Binder, at the eart point of that Hayen List Bill of 10CKS. EAST, which the Hadd Deli-He, to will, detailed the first of spike in there; you must take beed unto the featmark: there is made is a distribution of the first within the land, bring the eaftermoof of may fayle through to the Rivers of Vannes; or Morbeam, Cardinal, that over a little eaftle that fandered upon a point within the Rocke, Barand, and the river of Nants, called the Lore. Of Haven, and run in, keeping them to northeat and northeat, and thefe lands are three the principal, the eaftermooft is called Haven, and run in, keeping them to northeat and northeat, and

breaketh upon it, as well within as without this Rock, it is northermost or westermost, runneth a faudy strand unto the maine land, against the poynt betwixt Blavet and Morbeam, When you come off from the Peus, with an ealtfoutheast for that men cannot fayle there betwist that and the maine, but courfe, you shall runne alongst farre enough to the fourthwards at high water it is most covered, and at low water lieth most of it. About 2 leagues to the ealtwards of Glenant, lye the drye, at low water men may goe over there one foot from the

Groy or Blavet, allo you may anckor within them in to or 12 beam, Roche Bernard, or other places thereabout, must run fathom, betwixthe land and the foresaid Hands, which are to the fourthwards of it, & he will not sayle about to the fourthcance upon the north fide.

Berein't the land Mutton and Glenant lieft has rock, for to morth a shade, and also shade, the shade shade the shade avoid it (for them which will first through three betwix the three Reliance and the foreignt lands, about to the eathern) they mult leave one third part of the channell towards wards of the Cardinall. The channell three betwix the three channels are the foreignt lands, about to the eathern) they mult leave one third part of the channell towards wards of the Cardinall. The channell there betwix them both, Glenart, and the other two third parts towards Mutton, and the other two third parts towards Mutton, and the other was third parts towards Mutton, and the other was third parts towards Mutton, and then they may boldly run through there without feare. From Mutton to the Hand Groy, the courie is eaft and by call the other field of Groy, that 3 or 4 milles, the call and by call the may run alongft by the fourth, upon the outer field of Groy, than 3 or 4 milles, the eaft and fourth ground.

touth, upon the outer more of 1-roy stand 3 or 4 mines, the early and of it gorth fleeped downs, and the weft end floping and flat down, thereby it is good to beknown. Ynder Groy is good and the control of the order of the order of the order of the order of the order of the order of the order of the order of the order of the order of the order of the order of the order of the order of the order of the order of the order of the order of the order of the order of the order of the order of the order of the order of the order of the order of the order of the order of the order of the order of the order of the order of the order of the order of the order of the order of the order of the order of the order of the order of the order of the order of the order of the order of the order of the order of the order of the order of the order of the order of the order of the order of the order order of the order of the order of the order of the order of the order of the order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order order or and northwest winde, there is very good anchor ground. At well-emfolt land, lieth a great round rock, which you must the fourthwest end numer of a foulc ledge, where of men must leave on the larboard side, and run alongst by it, within two or three Cables lengths, and then you shall leave on the starboard Within the Iland Groy lieth the Haven of Blavet, which fide to feawards of you a great many rocks, fome above and lieth in about northweft in 4 and 5 fathom. Vpon the weft fide fome under water, which lye towards the other I lands, which

lye two funcken Rocks, also on the west fide a Rock with a orels if you run about to the eastwards to the Cardinal, and are he wo much soers, amount never nice a norm met take bound to Morbani, then goe any from the early pour of the very good heed in the comming in. Men run in along they Cardinall, fift northweft and northorthweft and you that the well land, for to efchew the forefayd funcken Rock and have then in that ineverse years of shorth of early the well they card the well that for to fayle in the reare thefe, there little and little more northerly right with the point, which toning grounds. The marks for to make inneresare times, there in the another internerly right with the point, which lieth a little lland within the middeft of the haven, which lleth to the wethwards of S. Johne, there numet of the flayd yournay fee when you are without the Haven. To the early poput of S. Johne, a ledge or riffe of rocks allmost a halfe wards of that little lland upon the maine land, flandeth an Ab-league into the fea, which you mult leave on the flarboard fide, and the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of wards of the more many posture more and, rangers and the jeagermen trees, when you man rewe on the mandard mey, bey, bring that Abbey right to the eaft poynt of the haven, and runne into the welwards of it, between the ladge and a which lieft within the Baers, and fayle in with it, untill you little Iland which lieth eaftfoutheaft from the well poynt, when the ladge is the ladge is the ladge in the ladge. come thwart of the east poynt, within the Baers, and runne i and is fail to the foresayd west poynt, with rocks and foule come thwart of the east poynt, which the paers, and times I also is not to the increasy went poynt, with rocks and found about by its being within it, there it is wide and broad, you ground, fo that you cannot fayle in a longift to the well-wards may ancker there before the forefayd little I land in 5 or 6 fathorn, there it is at low water 3 or 4 fathous deepe, or elfe men
commonly name in about, by the poynt, untill they come in
built in the forefayl little I land, you must give well poynt a
commonly name in about, by the poynt, untill they come in
built in the forefayl little I land, you must give well poynt a
commonly name in about, by the poynt, untill they come in
built in the forefayl interest in the point in the po lieth from the Tower of S. John to the River of Vannus north-From the Pennes unto Bell-Ile, the course is eastfoutheast west and southeast but you must be fure to reckon your tyde

ffeepe poynt, lying out with a great faddle, thereabouts that of the following the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of the feet of agreed Rock, which howers at a very high water amount onby these forestayd marcks it is indifferent well to be knowne, beam or Auray, and on the larboard side when you are bound to Vannes when you are come from so far within, that the Tower of Morbeam is west from you anckor there in the mid-

ne tye on many rocks and never hands.

If you will feeke a roade under Bell-He, then you must give dest of the haven, in 9 fathom, and then shall Auray the inner-Road untryou will leeke a roate timet between the from you and the other
der gelile the northweft end a good birth, off from it lieth a function most little Tower lye northnorthweft from you, and the other
lively little Tower north and by east, but the point of Mayland east being past them, keep yet the north shoare, and runne alongst

Roche Barnard, the course is right northeast : there lyeth a foresaid. little Hand about halfe wayes betwixt the Cardinall and the Somewhat within S. Nazare upon the north land standeth foresayd River, or rather nearer the Cardinall then the River a sharp Tower, when that commeth without the south land, (for when men are by the River, they can but even fee the then you cannot take hurt off the forefaid rocks, run alongth for when the land ) men runne with the forefaid courfe of to the northwards of them, a little to the eaftwards off them northeaft close along to the weetwards of that little Hand, and little another showld of Rocks, where men may run about the fhallfall a little to the northwards of the river, run then withriver doe open it felve, and then fayle amids the channel, and kor as is faid, in 6 or 7 fathom. To the eaftwards of Saint Nagive the rocks a birth that Iye at the eafter shoare. Being come | zare lye two other villages, and there betwixt the Villages, it theshoare on the starboard side, and so may save ship and goods the souther shoare, but when you are halfe wayes to that cawater with an ordinary tide, there is about eleven, and with a point off the Village, untill you be past it, but against that caeaftwards of the rivers mouth, lieth a great rock, which at high this bancke in 5 or 6 fathom, this is the road for shipps that are water is covered.

Hee that commeth from the River of Nantes, and is bound gers, men may faile close alongst by it to the westwards, but and stay for a Pilot. to the eastwards of it lye many Rockes and showlds.

betwixt them, but must looke out wel.

whether goe away from the eaftend of the Cardinal, or from the eafter.

y afterwards but 7 or 8 fathous most rocks, that lye of from the Cardinall, directly E. N. E.

But to faile from Bel.ile to the bay or Armentiers you most Armétics. and the point of Croswyckit is in the fareway 8, 9. and 10 fa- course is east southeast about 12 or 13 leagues as under.

ron the Tanonari noe of you rot o avoid the toule to the anomale. It is not not reavely occurred to the anomale grounds, which lye off from the point of Poelgemen towards [3, and 4 of afthom, but when men are within the fareway, it is this rock. Clofe along they this rock it is 4 fathom deepe.

25 fathom deepe.

26 fathom deepe.

27 fathom deepe.

28 fathom deepe. Nazare, the north shoare, unto S. Nazare in 3 or 4 fathom at low wa- wayes so rowling in, as if the water come through under the standeth below by the river, then are you thwart of the rocks, very much.

foutheast. The west shoare thwart of it is very steepe, but oasie by it, untill you come within the point of S. Nazare, and ancand foft, you can take no hurt of it, although you fayled right kor there in 6 or 7 fathom. In the middeft of the river betwist the forefaid rocks, with the hole, and S. Nazare, lieth a row The east point of the Cardinall, and the entring of the Ha- of Rocks, called Les Porceaux, these come at halfe tyde abo- Les porc ven of Morbeam lye N. N. W. and S.S. E. one from the other. ve water: Because of them, and also more other showlds, lying ceauxe From the east poynt of the Cardinall to the River of intheriver, you must run all alongst by the north shore, as is be-

in a Cables length a longft by the shoare unto it, untill that the ter alongft to the point; being within the point, men may ancwithin the rocks, you may anckor there, or elfe fayle on against is very showld and stony ground, there men must borrow over without anckor or cable, if there should be such need. At low stermost Village then you may well faile right on with the foring nine foot water, with an ordinary tide it floweth there thermost Village on the fourth fide, upon the point, lieth a about a fathom, but with fpring 2 fathom up and downe : the banck, called Pinbuf which lieth at least halfe wayes over in Pynbuf. entring of the river lieth in cast and by fouth. A little to the the River, but men may run through betwixt the point and bound out to fea.

A league further in, in the middelt of the river lie two ftoto Roche Barnard, and is not well acquainted there betwixt ny bancks in the fareway. At Pelerin is the lading place, two Pelerin. both, let him runne fo farre to the feawards of the Cardinall leagues from Nantes, where the good is brought off with (when hee is to the westwards of the Four ) untill that hee run | Lighters from the ships, but from S. Nazare to Nantes, or s. Nazare about a scaboard of that foresayd little I land (lying halfe wayes | Pelerin, it is Pilots water, which mendo commonly take in, betwist the Cardinaall and the River of Roche Barnard) then by the above named sharp Tower, called S. Nazare, where goeth he furely cleare off all the foule ground and other dan- men (when they are within it) may anckor in 10 or 12 fathom,

For to run into Sea from S. Nazare, alongst to the fouth-Hee that will faile alongft to eaftwards or to the north- wards of the rock with the hole, you must run first alongst by wards of it, mult leave about 2 third parts of the water to the land, and one third part towards the land, and for run through out the fecond point off the River, edge then off from the north land to the middeft of the River and faile a good wayes Betwist the rivers of Roche Bernard and Nantes, lieth about to the fouthwards of Piere-perce, when as you can fee Old-downes, Croifill, or Crofwyck, and Poelgem. Crofwyck the Rocke (which lieth to the northwest off Piere-perce) hath two pownts, within the northwest point lieth the great without the point, there it is deepe 4 fathom and a halfe, and village of Crofwyck, which hath a thick tower, and there is a when as Piere-perce is N.N.Weft, and north and by weft from great indraught like a haven, where men may goe to anckor in you, then you come thwart of the Rock, and there you finde five, fix or feven fathom: to the weftwards of it flandeth also deeper water, to wit, five, fixe and at least 7 fathom, but when

five, five of seventathom: to the werthwards of it thandeth also deeper water, to wir, nive, line and a tolarly fathom, but when dedown after fluctured upon the high land. The land of Old-downey sput course in the fareway of Fickeliers, then you get 10 or 12 lich a little to the northwards of the Church. Peolgem is a lathom water.

"little for collegate from the land fourthwelt and by S. from flood mengee over them, the fourth point of the River of flore the Crofwick, and welt and by north northerly from the E. point Nantes lite from the North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point North point No places falleth dry at low water, and lieth from Bell-lle neare land lieth in with a great indraught, and there men doe run inabout east and lieth the longest way fouthwest and northeast. to the bay. These uneven bancks in the River of Nantes, are lf you will faile from Bell-Ile to the river of Nantes, then very unlike, fometimes men found in 15 fathom, and prefent-

towards the well point of Crofwyck, for to fayle a wether of goe E.S.E. untill that you fee the Aboey of Armenuters to the the forefayd Four, fo long untill it begin to flowld, and that eathwards of the trees, which fland within the land over the the flarp tower of Poelgem commeth against the highest of the abbey, then goe on east and by north so long untill that the east point of Croswick, then you runne alongst to the the Abbey come within the castle of Armentiers, then are you northwards of the forefayd banck, goe then E.S.E. or according as the wind is east & by fouth, and E.S. E. on to the Rock you be e within the rock of Pierremen, you may goe about it Pierremen with the hole, called Pierre-perce, but so that you come not on both fides, and when that you can see the Graven open, then very neare (at low water) the land formwhat to the westwards you may anckor in 7 or 8 fathom, and row a shoare to fetch a of Poelgem, for it is not cleane along it by it. Betwixt the Four Pilot, it is Pilots water. From Bell-Ile to Armentiers, the

From Armentiers to Use, or Heys, it is fouth and by east From Ameriters to Ue, or Field, it is found and by eath From the point of Poelgemeaftwards lie fome little Ilands | ream Ameriters to Ue, or Field, it is founded to learn and Rocks, which are very foule, come not very neare them, nor the shoare thereabouts. If it should happen that you fould | Amentiers. Betwixt Armentiers or Fickeliers and Use, it is turne to windwards, for at low water there falleth many of the an uneven fareway, with many shoulds and bancks, from foure, rocks dry, when you come neare the rock (with the hole) then five, fixe, and feven fathom. Upon the Use standeth a sharp Heys or run alongft to the northwards of it, and run in very close by it, tower and fome little houses or milles, whereby it is very good Vis-leaving it on the starboard fide of you for to avoid the foule to be knowne. It is in the fareway betwist Use and Bell-Ile

ter, but you must take heed of a rocky point, somewhat to the lland, at the north-end it is showld water, the road is, when weltwards of S. Nazare, the markes thereofare thefe: There the Church fleeples, is fouthwell from you, in eight or nine flandeth a mill upon the high land, somewhat farre within the fathom; but menlye there not sheltred but onely for a southland, when that commeth over a country-mans houses, which west and westfouthwest winde, and it doth ripple there alwayes

Pickelliers northwest. eaft foure or five leagues. For to faile into the Killiars , which is in along to the northwards of the lland of S. Mar-caft, and four towards Burut-lland. winter is in account to the contract of the maine land of Poil Porthus is a broad and wide channell, lying in through be-Pertha tou , you must goe in somewhat more northerly then the twixt S. Martens lland and Oleron , and lieth from Vie S. E. middle of the channell, or leave two third parts of the channel and by east distant about 15 leagues. If you will faile into Portowards S, Martens Iland, and one third parts towards the mailthus, then run in betwixt both lands E. S. eaft, but much neane land. Alongft by the Hand of Saint Martens it is uneven, and Per S. Martens i land, for to avoid the banck off Oleron, which formewhat full of bancks; come not to neare also the maine is a foul eledge of rocks, at the N. end of Oleron, come no

ter about a fathom depth, and at high water about four fathom. a little to the callwards off it in 5,6,0 r / fathom, there is the When the foresaid little Tower off Hars commeth against a road for ships that are bound out. when the toretain fittle Lower on Frars comment againt a mill which franceth a the fourth end of Loy, then are you within the bancke, to wit betwirt the Barneke and Saint Martins. When you goe into Porthus, and will fail to the Barnet Iland, Barnet in the bancke, to wit betwirt the Barnete and Saint Martins. fouthfouthweft from you, then you may boldly faile over the by eaft, or from the Boffe fouth or fouth and by eaft, or with a end of the banck towards S. Martins, you that finde there at low westerly wind fouth and by west unto that lland. water and spring tide at least 3 fathom or sixteene or seventeeas also before Saint Martens, but the bancks are hard, and with fpring tides there remaineth little water upon them. Before S. Martins you may anckor in 4, 5, or 6 fathom.

For to anckor before S. Martins, you must anckor fo, that you may fee open into the haven, and that the point off the Abbey, and the Boffe doe ftand the length of two capftoneter three fathom and a halfe, but a high water fix fathom and a the foath point which lieth over againft the Creeke , there

When you faile into the Killiaets, as before is faid, it is 12, water. 11, and to fathom deepe, but being come fo farrethat the To. | If you will faile into the river of Sherrant, then runne about wer of S. Martins beginneth to flandeth fouthwell from you, to the fouthwards of Burnt-iland, you may also faile about to thereit wil be by little and little flowlder, and then you may the northwards of it, and faile in by the Tower of Voorn, or deth then fuddenly up, and will be from ten, quickly s and + within the land. For to faile from Burnt-iland to Burwage.

it is somewhat flowed, then you may well goe over with a great [(a village that lieth upon the strand) commeth to the N. wards north end off the Iland Urck, or Tivalenes, then are you upon village, and the mill above the village, then you shall be against

over the banck, it is there all foft ground.

run in 6 or 7 fathom and anckor there.

But if you will not anckor under S. Martens, but wil faile of Luffon over the little house that standeth upon the little 1- tayle of it lieth farre to the northwards. If you should turn out Jand Vrck, and keep it fo flanding, and then you can take no from the Creek towards the Burnt lland, then bring the Tower hurt of the Laverdyne.

long, which lieth off from the east point of S. Martens Hand, hurt of it.

From Ule to the Killiats, or to the lland of Saint Martens, labour an English mile, and with spring at low water is unco-the courses is southeast wedve or thirteene leagues. Betwirt vered betwirt it and the lland of Saint Martens men may saile ges, thereage on the care, and oding straint the Bacages on Plom a flippes length without the fourh point (which is the Olone, faile to the land of Poictou, which lieth from Olone to Saint Martens Iland eaftfoutheaft, and from Olone to the north point of the Boffe) then are you right upon the Laverdyne, therefore when Rochel commetha shippes length to the From Olone to the Killiaets the coast lieth most eastfourth- fourthwards of the Bosse (when you come in at the Killiaets) theu

Jomeshat bill of bancks; come not to neare alfo the mainer land, for there lye off allo fone banckes, but you may borrow land, for there lye off allo fone banckes, but you may borrow leaver it by might then in 12 or 13 fathom.

When you come then by the call end of SaimMartens Iland that the Church of Saint Martin be fourthfouthwelf from you, that the Church of Saint Martin be fourthfouthwelf from you, startesthe then you fall be peat fit the banck which like tho orth from Saint bancks be Martens, and lieth of from the floare formewhat to the wethous the saint was all the saint when the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was all the saint was al for Sint Address, and nettro i from Gromane comewhat to the well business. Which flowded by for a world when as you mult turne to and againe with a factly or a northeast windout mute to and againe with a factly for a factle of the growth of the world with a factly for a factle of the growth of the point doe lye north from you. Or fleti you will anckor under the Abey of S. Martens land, then une in upon the you must not bring the little Tower of Hars in the Village off forefaid marcks, fo long until that the forefaid Abbey come you must not oring the index a ower or rais in the yunge on Loy, but when the little Tower of Hars commethor the first, which the Spoint of the fameliand, faile then right with it, or northermoft boafe of Loy, then you must cat about, for the you come gainft the banck, where remainent at low was been come gainft the banck, where remainent at low was

When S. Martens commeth to be four hweft and by fouth, and end of S. Martens I land; from thence the course is foutheast and

When you faile so neare that Burnt-iland that the Tower ne foot, also one cast or 2, but 12 foot then it is al fost ground, off Voorn, or the Four, commeth over the Burnt-Hand, the-

If you must turne to and againe with a foutherly winde from the Boffe to the Burnt-iland, or from Burnt-iland to the Boffe, then come not neare the land of Rochell , there lye divers ftony banckeft alongst the land, a good wayes from the shoare, bars one from the other, there it is with foring tydes at low wa- whereof you must take heed. When Rochell is hidden behinde

well edge towards the lland in five and four fathom, it how! Four. At low water this river fallerth dry, at east 4 leagues Iff you will goe over the banck that lieth off from the Ab- Heers to the westwards of the wood, so long until the Tower bey with a hippe that draweth much water, then you must stay of Voorn or le Four, come over the little red tyled house, that folong that it be halfeflood, for at low water there remaineth flands upon the S, fide off the river of Sherrant faile then in no more upon it then three fathom, or a foot or two more when S. E. and by little and little S. E. and by eaft untill that Front When the little Tower of Huflow commeth to the off Soubife, when as then Soubife commeth within the forefaid the shouldest off the banck, but when the lide Tower commets the point off Oysterbanck, goethen in along the S.E. and by banck over the fouth end of that litle lland, then it beginneth to deep | fouth, and bring that outermost litle Tower off Heers, over

The marker for to keepe the deepest water, when you run keep them so standing, and saile in southsoutheast, when as over the banck, are thefe: keep the great Tower of Rochel a then the little Tower off Heers commeth to the eathfide of the handlpikes length to the fouthwards of the wood off trees, valley, which is in the wood, then keepe that flarpe litle tower which flandeth upon the northermoff high land , and run fo right over the eaft fide of the valley, of the wood, and faile in If you wil anckor before the Abbey within the bancke, then not to fland a house, where now is a ftrong faire Towne, being builded fo within 70 or 80 yeares past.

The Bannier lieth alongst the laud of Oleron and lieth unforth towards Burnt Iland, then bring that forefaid litle Tower till within Burnt-Iland, at low water it is uncovered, and the of Rochell not without the Burnt Iland, before you come The Laverdyne is a rane of rocks together a musket floor thwart of it, because of the Baniard, and then you shall take no From Heyssant to the River off Bourdeaux.

Affouth end of Oleron, betwix Oleron and the land to the ward of it; is yet another channell, where men may fand our, called the Mamme-found, deep crough in the form of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the f may IA and out , called the Mamme-found , deep enough for grigos, it lieth in from out of the face attained by a being may be for grigos, it lieth in from out of the face attained by a being come k within, there runneth up a river Gouthealt towards to sales, we men doc lade falt , being palt that to the other point of Mamme-found, lieth a plate, where of men runnet point of Mamme-found, lieth a plate, where of men runnet to the injury of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the plate of the p for them wil lade falt at Oleron or Olderdorp.

But if will runne in through , and out againe , then you must fail farre to the eastwards, untill that Sales come over the es, which ftand within Merven, for to avoyd the tayle or what shooteth of from Oleron : when Sales commeth over trees, fayle then north and by west on, to the Burnt-Hatbut bring Duke Charles Tower to the S. wards of the B-Ilaud, for not to faile within the Banniard. For When the Tower of Heers commeth to the wood keepe it then fo fling untill Rochell commeth over the Northfide of thernt-Hand, fayle then out at the Portrush. There fide of thernt-lland, layle then out at the Fortuna. There

from Vihant to cape de pinas fouth
from Vihant to cape de pinas fouth
from Vihant to Laredo fouthfouthead Hand, when you must take heed.

About fq, or a little more westerly thirteene leagues from the IltUfe, fouthweft and by weft from the Iliand S, Martens, ann. n. w. or fomewhat more northerly from the Iliand S, Wirer, of Beaux, Jee the Rockes of Rockedon, or Rocket.

## Of the depths bout the places, and in what depths nen may fee the land.

Thwart of Abberwark's figure from the land, it is deep 50 and 55 fathom, The Backovens, or the lands! the Fourne men may fe in 50 fathom.

You have being about f, from you, you may fee in 50 fathom.

You have for one of the fourne for the fourne men may fe in 50 fathom.

You have for one of the fourne for the fourne for the fathom, and then you

Southwest from VI hant 5 ob leagues of a Suc-pc 3 Inches of the land from the poop.

In the broad Sound it is 45 fahom.

A little without the Scames, about a league, it is deepe 50 fatho n.

Men may fee the Scames and the Sheete, or Slaeplaken, in 60 or 65 fathom.

Anouth end of Oleron, betwixt Oleron and the land Berwixt VI hant and the Seames in the fareway it is deepe 55 fathom.

How these lands doe lye one from the other, and from other lands. From Ile de Bas, to the fourne, wellfouthwell

| om the Fourne to S. Matthewes point 1.1.6. and 1. 6. and 0.                                                                                                                          | 2 leagues   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| om the Follane to S. Matthewes point of Claefdowne e.f.c.<br>rom S. Matthewes point to Groydon, or Claefdowne e.f.c.<br>rom S. Matthewes point to the Race of Fontenay, or the Keyle | e fouth and |
| om S. Matthewes point to the Race of Politenay, of the Reyle                                                                                                                         | 5 leagues   |
| by caft                                                                                                                                                                              |             |
| rom Vf hant to Portland northeast                                                                                                                                                    | 53 leagnes  |
| fom vi nant to Portishu notchesic                                                                                                                                                    | 40 leagues  |
| rom VI hant to the Steart northeast and by north                                                                                                                                     | 20 leagues  |
| rom Vi hant to the Lizart north                                                                                                                                                      |             |
| rom VI hant to Silly northwest and by north                                                                                                                                          | 37 leagues  |
| rom vi nancto siny northwen and by north                                                                                                                                             | 84 leagues  |
| rom VI hant to cape Cleare in Ireland northwest                                                                                                                                      |             |
|                                                                                                                                                                                      | 360 leagues |
| rom VI hant to the cape Finisterre fouthfouthwelt welterly                                                                                                                           |             |
| rom viriant to the cape Filliteric Tournout.                                                                                                                                         | 77 leagues  |
| rom VI hant to Cifarga fouthfouthwest                                                                                                                                                | 160 leagues |
| rom VI hant to cape Prior fouthfouthwest                                                                                                                                             | 160 leagues |
|                                                                                                                                                                                      |             |

yr leagues
When men fuyl away fouth and by call from Whant to they run a little
without the Scames | From the Race of fourtray to the pennes fouthast! | 9 leagues
From the Race of fourtray to the pennes fouthast! | 9 leagues

River, of Beaux, I ye the Rocker of Roccledon, or Roccle
bon, of formiled Urbannia, in forme of a Trever or Brandider. The forement of the churce is the flowlides, whereupon remain at low water about little flowers, and at the N
outheaft fide withind, but you may not come neare them by
your lead foothy urbannia, not farre from the forefayly
one for the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special substitution of the special From mer catte most tropy to the write and or sensing. In control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control

At 3. Mexiawording, a fourired and northeast moon maketh highed and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher and higher an

and by east and by east From S. Martins I land to the tower of Cordan, or the river of Bourdeaux, From S. Martins Hand to the tower or contain , or the live to boundoutheaft four S. Martens Hand to expede pinas, S. w. So leagues From S. Martens Hand to Ortegall , the course is westfouthwest formward for the contained to the contained of the course of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the contained of the co

foutherly Heights. 48 degrees 30 minuten Vshant lyeth in 48 degrees 5 minuten 47 degrees 50 minuten 46 degrees 48 minuten The Seames lye in The Iland bell-ilelyeth in

The Iland Vie in The north point of Oleron in How these Lands doe show themselves at Sea.

46 degrees 15 minuten

hant is fouth and by west from you 4 leagues, it showeth it selfe in this forme



ant, being fouthand by east from you 4 leag, sheweth it felfe thus,



Vihant, being \$. and by E. from you 2 leagues, sheweth it felfe thus,

Use in the right fareway, and in regard that it is noting but betwixt S. Martens iland and the Bosse, and you come to see Pickelliers northweft.

ten, in betwist the foresaid Iland and the maine land of Poi-Gou, , you must goe in somewhat more northerly then the twixt S. Martens lland and Oleron , and lieth from Vie S. E. middle of the channell, or leave two third parts of the channel and by east distant about 15 leagues. If you will saile into Portowards S, Martens lland, and one third parts towards the maine land. Alongst by the Hand of Saint Martensit is uneven, and rer S. Martens iland, for to avoid the banck off Oleron, which fomewhat full of bancks; come not to neare also the maine is a foule ledge of rocks, at the N. end of Oleron, come no land, for there lye off also some banckes, but you may borrow nearer it by night then in 12 or 13 fathom. of them by your lead. Goe in along it, as before is faid, untill ter about a fathom depth, and at high water about foure fathom. a little to the eaftwards off it in 5,6,07 fathom, there is the When the forefaid little Tower off Hars commeth againft a road for hips that are bound out.

as also before Saint Martens, but the bancks are hard, and with fpring tidesthere remaineth little water upon them. Before S. Martins you may anckor in 4, 5, or 6 fathom. kor before Forto anckor before S. Martins, you must anckor so, that

When you faile into the Killiacts, as before is faid, it is 12, water. ix, and to fathom deepe, but being come fo farre that the To-

bey with ashippe that draweth much water, then you must stay of Voorn or le Four, come over the little red-tyled house, that folong that it be halfeflood, for at low water there remaineth stands upon the S, fide off the river of Sherrant faile then in it is somewhat flowed, then you may well goe over with a great [a village that lieth upon the strand) commett to the N, wards morth end off the Iland Urck, or Tivalenes, then are you upon village, and the mill above the village, then you shall be against over the fouth end of that litle Hand, then it beginneth to deep fouth, and bring that outermost litle Tower off Heers, over

handspikes length to the southwards of the wood off trees, valley, which is in the wood, then keepe that sharpe litle tower which flandeth upon the northermoft high land , and run fo right over the east fide of the valley, of the wood, and faile in over the banck, it is there all foft ground.

run in 6 or 7 fathom and anckor there.

But if you will not anckor under S. Martens, but wil faile of Lutfou over the little house that standeth upon the little 1 | tayle of it lieth farre to the northwards. If you should turn out land Vrck, and keep it fo flanding, and then you can take no from the Creek towards the Burnt Hand, then bring the Tower hurt of the Laverdyne.

long, which lieth off from the east point of S. Martens Hand, hurt of it,

From Ule to the Killiats, or to the Hand of Saint Martens, about an English mile, and with spring at low water is uncothe courfes is foutheast twelve or thirteene leagues. Betwixt vered betwixt it and the lland of Saint Martens men may faile both lieft the Bearges of Olone about halfa a legue of from linough, there is depth enough. The markes of the Laverdy-he land of Policy, and earl and by South feven legues from line are thefer When you come in at the Killiats, and faile through Rocks and flones, therefore it is not good to come neare them the great Tower off Rochell even without the point off the in darke weather, men may faile round about them, and at low Boffe, then are you right thwart of the Laverdyne, which lieth water, they are uncovered. If you wil faile from Ufe, unto the then f.w. from you, it is there betwixt them both not very wides Killiaets, or unto thetaile of Aife, through within the Baer- or elfe when the forefaid great Tower of Rochel flandeth eges, then faile on first east, and being within the Baerges off ven without the point of Bosse, and the North point of the Olone, saileto the land of Poictou, which lieth from Olone Plom a thippes length without the south point (which is the to Saint Martens Iland eaftfoutheaft, and from Olone to the north point of the Boffe) then are you right upon the Laverdyne, therefore when Rochel commeth a shippes length to the From Olone to the Killiacts the coast lieth most eastfouth- fourthwards of the Bosse (when you come in at the Killiats) then eaft foure or five leagues. For to faile into the Killiaets , are you paft the Laverdyne, and you may boldly goe on fourthwhich is in along to the northwards off the lland of S. Mar. eaft, and foutheaft and by fouth towards Burnt-lland,

When you come then by the east end of SaintMartens Iland that the Church of Saint Martin be fouthfouthwest from you, and are bound to Rochell, or else will anckor under these Bosse Marcks the then you shall bee past the banck which lieth north from Saint bring that great Tower of Rochel a ships length without the bancks be-fore Saint Martens, and lieth of from the shoare somewhat to the welt-sore Saint Martens, and lieth of from the shoare somewhat to the welt-sore Saint Martens, and lieth of from the shoare somewhat to the weltwards of Saint Martens, that is, ahard fleepe ftony bancke: anckor under the Boffe in 5 or 6 fathom foft ground, fo that which showldeth up suddenly. For to avoid it when as you the point doe lye north from you. Or else if you will anckor mult turne to and againe with an eafterly, or a northeast winde, under the Abbey of S. Martens iland, then runne inupon the you must not bring the little Tower of Hars in the Village off foresaid marcks, so long until that the foresaid Abbey come Loy, but when the little Tower of Hars commether the first, without the S. point of the fameiland, faile then right with it, or northermost house of Loy, then you must cast about, for and then you shall leave the Laverdyn farr enough on the larthen you come against the banck, where remaineth at low wa board side off you. And being come neare the Abbey, anckor

mill which flandeth a the fouth end of Loy, then are you within the bancke, to wit betwirt the Bancke and Saint Martins, then runne in (as before is faid) untill you come neare the east When S. Martens commeth to be fourthwest and by south, and end of S. Martens Iland: from thence the course is southeast and fouthfouthweft from you, then you may boldly faile over the by eaft, or from the Boffe fouth or fouth and by eaft, or with a end of the banck towards S. Martins, you that finde there at low westerly wind fouth and by west unto that lland.

When you faile so neare that Burnt-iland that the Tower water and fpring tide at least 3 fathom or fixteene or seventeeoff Voorn, or the Four, commeth over the Burnt-iland, thene foot, also one cast or 2, but 12 foot then it is al fost ground. re you may cast your ballost over board, it is there 12 fathom

If you must turne to and againe with a foutherly winde from the Boffe to the Burnt-iland, or from Burnt-iland to the Boffe, ker before SMartens, you may fee open into the haven, and that the point off the then come not neare the land of Rochell, there lye divers Abbey, and the Boffe doe fland the length of two captiones from banckeft along ft the land, a good wayes from the floare, whereof you must take heed. When Rochell is hidden behinde ter three fathom and a halfe, but a high water fix fathom and a the footh point which lieth over against the Creeke, therei lieth a frony bancke, upon which remaineth not a fathom of

If you will faile into the river of Sherrant, then runne about wer of S. Martins beginneth to flandeth fouthwelf from you, there it wil be by little and little showlder, and then you may the northwards of it, and faile in by the Tower of Yoorn, or welledge towards the lland in five and foure fathom, it flowl- Four. At low water this river falleth dry, at least 4 leagues deth then fuddenly up, and will be from ten, quickly 5 and 4 within the land. For to faile from Burnt-iland to Burwage, you must faile away S. S. east and keepe the little Tower off Iff you will goe over the banck that lieth off from the Ab- Heers to the westwards of the wood, so long until the Tower no more upon it then three fathom, or a foot or two more; when S. E. and by little and little S. E. and by east untill that Front hippe. When the little Tower of Huflow commeth to the off Soubife, when as then Soubife commeth within the forefaid the fhouldeft off the banck, but when the litle Tower commeth the point off Oysterbanck, goe then in along t S.E. and by the outermost fandy place, where the gallowes standeth by The marker for to keepe the deepeft water, when you run for the banck, are thefe; keep the great Tower of Rochel a then the little Tower of Heers comment to the eaffide of the fo into the Creeke, or river of Burwage. At Burwage was wont If you wil anckor before the Abbey within the bancke, then not to fland a house, where now is a strong faire Towne, being

The Bannier lieth alongst the land of Oleron and lieth un forth towards Burnt Iland, then bring that forefaid little Tower till within Burnt-Iland, arlowwater it is uncovered, and the of Rochell not without the Burnt Hand, before you come The Laverdyne is a rane of rocks together a musket (hor thwart of it, because of the Baniard, and then you shall take no

At the fouth end of Oleron, betwist Oleron and the land newsyst of these and the Stames in the fixeway it is deeper 5 fulsoms to the fouthwards of it, is yet another channell, where men in the fixeway is the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of th may Jaile mand out , called the Mamme-lound , deep enough left lee men may fee from below in 55, but under the top in 65 fishom. For great filips, it lied in from out of the feet and may be not made to the first of the first own the first which is the first of the man from below one there within, there runned up a river four head to wards so, where men doe lade falt, be timp gall that , to the other of the man may fee it in 66 fishom. The hand of Olois men may fee it may be in 35 miles on the first of the man to the first of the first of the first land of Olois men may fee in 75 miles on 15 miles of fishom. When meng eight of 5. altern thad, when the first of the man first lens in 15 miles of the first land of Olois men may fee in 8 miles of fishom. When meng eight of 5. altern thad, when the first land, when the first in 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of 15 miles of

for them that wil lade falt at Oleron or Olderdorp. But if you wit name and a CAUCHO OF CAUCHOOFD.

But if you will nume in through, and out againe, then you mult faile fo farre to the eaftwards, untill that Sales come over the threes, which fland within Merven, for to avoyd the content of the property of the form of the content of the property of the form S. Mathewes point to the face of Fonenay, or the Reyfer, the property of the form S. Mathewes point to the face of Fonenay or the Reyfer, the property of the form S. Mathewes point to the face of Fonenay, or the Reyfer, the property of the form S. Mathewes point to the face of Fonenay or the Reyfer, the property of the form S. Mathewes point to the face of Fonenay or the Reyfer, the property of the face of Fonenay or the Reyfer, the property of the face of Fonenay or the Reyfer, the property of the face of Fonenay or the Reyfer, the property of the face of Fonenay or the Reyfer, the property of the face of Fonenay or the Reyfer, the property of the face of Fonenay or the Reyfer, the property of the face of Fonenay or the Reyfer, the property of the face of Fonenay or the Reyfer, the property of the face of Fonenay or the Reyfer, the property of the face of Fonenay or the Reyfer, the property of the face of Fonenay or the Reyfer, the property of the face of Fonenay or the Reyfer, the property of the Fonenay or the Reyfer, the property of the Fonenay of the Fonenay or the Reyfer, the property of the Fonenay or the Reyfer, the property of the Fonenay or the Fonenay or the Fonenay or the Fonenay or the Fonenay or the Fonenay or the Fonenay or the Fonenay or the Fonenay or the Fonenay or the Fonenay or the Fonenay or the Fonenay or the Fonenay or the Fonenay or the Fonenay or the Fonenay or the Fonenay or the Fonenay or the Fonenay or the Fonenay or the Fonenay or the Fonenay or the Fonenay or the Fonenay or the Fonenay or the Fonenay or the Fonenay or the Fonenay or the Fonenay or the Fonenay or the Fonenay or the Fonenay or the Fonenay or the Fonenay or the Fonenay or the Fonenay or the Fonenay or the Fonenay or over the threes, which fland within Merven, for to avoyd the trayle or riffe that flooretio of from Oleron: when Sales commeth over the trees, fayle then north and by welf on, to the From Vilante on better ortheid anothed Burnt-Hand, but bring Duke Charles Tower to the S, werds.

From Vilante on be Stearn ortheid and by north Burnt-Hand, but bring Duke Charles Tower to the S, werds.

From Vilante on be Lizart north. Burnt-Iland, but bring Duke Charles Tower to the S. wards
of the Burnt-Iland, for not to faile within the Banniard.
From Whatto the Jordense and by north
from Whatto faily northwest and by north
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fide of the Baunt-Hand, sayle then out at the Portrush. There
page 45, shootetch of also a rife from the well end of Saint Marie to Carley found/bandwed
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About fouth, or a little more westerly thirteene leagues

Alon double, to a mice about whether the land by from the Hand Ver, for the dead with the land Ver, for the what more northerly from the Martens, and w. u. w. or formed that more northerly from the From Obligance to the penns foundath of River, of Burkers, I yet the Rockes of Rockedon, or Roch From Obligance to the penns foundath and by foundath of River, of Burkers, I yet the Rockes of Rockedon, or Roch From the wetter of the Seams to the penns or i. c. fonewhat east fide white fand, but you may not come nearethem by your lead found by them.

A little to the westwards, not farre from the foresayd rocks, lyeth yet another rock, whereupon is at low water 5 fathom water nevertheleffe with a ftorme the fea breaketh. terribly upon it.

## Of the depths and grounds about these places.

At Abberwack and callnortheaft & weltfouthwelt moone maketh full fea-Without Ushant avoition therefrande, n. e., moone, and within the Trade a f. w. and by well moone maketh full fea.

At S. Matthawes point, a fourthweft and northeast moon maketh highest

In the broad Sound, betwire Vshant and the Seames a wellfouthwell and In the loved sounds, perfective visualized and are seamed a Verdinantheuril mone called their language designed and the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the contro

kon thereupon.

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wares, when it intent of pale unit cannot perceive any contine of treatmes ex-cept is be a little through, or about fome points of I lands.

On the fa lands, as o stall the coatts of threatings, a routed in-draughtes, a point or two later according as they have within the land of the point of two later according as a they want of the within the land of the point or two later according as a they want on the moone maketh high water, with-On the coattes and listed as it wy and n. e. moone maketh high water, with-

### Of the depths about the places, and in what depths men may feethe land.

Thware of Abberwrack 5 largues from the land, it is deep 50 and 55 fathom,
The Backovens, or the land of the Fourne men may fe in 50 fathom.

Ye have being about 6, from you, you may fee in 50 fathom. Southwelf from Ylhang 5 of 6 leagues of it is deepe 75 fathom, and then you may fee the land from the poop.

In the broad Sound it is 45 fathom.
Altitle without the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security of the Security

Al title without the Seames, about a league, it is deepe 50 fathorn,
Men may fee the Seames and the Sheete, or Slaeplaken, in 60 or 65 fathorn.

How these lands doe lye one from the other, and from other lands.

s leagues 40 leagues 29 leagues 84 leagues 260 leagues

leagues

13 leagues
From the Scames to the Band or Grage of Oleron fouthe, & by c, 112 leagues 112 leagues 111 leagues 110 leagues From the Seames to cape de pinas, or Tores, fouth From the Seames to Ribadeus, fouth and by west 93 leagues 90 leagues From the Science to globalous, found and by west
From the Science to gree de Oregal, foundoushwell founder
From the Science to gree de Oregal, foundoushwell founder
From the Science to Gillou, northnorthwell
From the Science to the Glanons, the courle is a diffoutheat
From Glanons to Gloyand to Groy, eaft and wet
From the came and Groy to the work end of Bell-lie, the courle is found-

Foundard.

Form Glannons, or Gloyland, to Bell-Ile, fouthealt and by call. 1sleagues From the northwest end of Bell-Ile to the fourtheast end, the coule is fourtheast and by call.

From the pennes to bell-Ile castfoutheast.

Za leagues From the cast end of Dell-Ile castfoutheast.

4 leagues From the east point of the Gardinall, to the entring of Morbeam northnorth-4 leagues 88 leagues

104 leagues 93 leagues 123 leagues From Grey to cape de Finiflerre, fouthwelt From Bell-ileto the river of Bourdeaux, foutheaft From bell-ilet os S. Sakifians, fouthfoutheaft foutherly From bell-ile to S. Andero, fouth

From Victo the failitates, or S. Marteni Hand, c.i.e. 12 or 13 leagues From Victo cape de pinas, f. w. and by four the to cape de Ortegall, f. w. and by w. 93 leagues From Victo cape de Ortegall, f. w. and by w. 93 leagues From Victo Portrush, or the Band of Oleron, the courfe is c.f.e.12 or 13 leag. From Victo Portrush, or the Band of Oleron, the courfe is fourtheaft and by

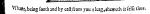
eaft 15 or 16 leagues and by eafe From S. Martins Hand to the tower of Cordan, or the river of 16 leagues fourhfourheaft

From S. Martens Hand to cape de pinas, S. w. From S. Martens Iland to cape de pinas, S. w. 80 leagues
From S. Martens Iland to Ortegall, the course is westfouthwest somewhat fourberly eo league Vshant lyeth in 48 degrees 30 minuten

The Seames lye in The Iland bell-ilelyeth in 48 degrees 5 minuter The Iland Vie in The north point of Oleron in

How these Lands doe show themselves at Sea.

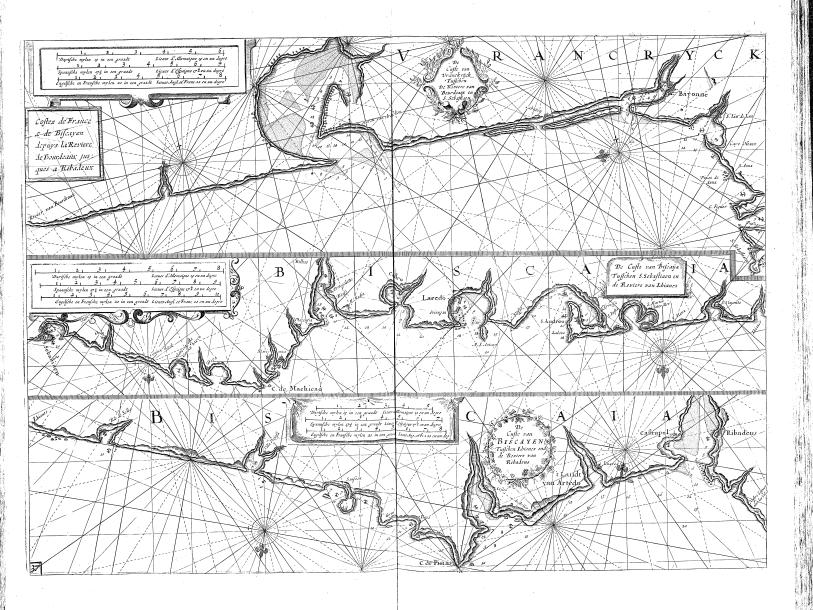
Firm VI hant is fouth and by well from you 4 leagues, it showeth it felfe in this forms

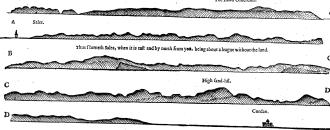




The well point of Oleron, or Olderdon, the well tieffe thus, when it is east from you two great lesgues, Thereabout it is twenty fathom deepe.

Olderdon





# The fecond demonstration,

Which containet the description off the River off Bordeaux to Ribadeaux.

ROM the Band of Craghe of Oleron to the Tower | you, or elfe if you come from the fouthwards, then bring the raft; and foutheast and by east 13 leagues.

To the northwards of the mouth of the river of Bourdeaux, towards it, and comming neare it, faile to the point of Meffic. Tye five or fix high white Sand-hilles, but to the fouthwards of When you are novy within the Rivers mouth, and come it, it is somewhat low land, blacke litle Sand-hilles, being right against the point of Messie, that is the point where the growne with spiry graffe.

the high Sand-hilles, which lye upon the north land lyeth a Meffie, and then forth in alongft by the fouth land, foutheaft fand-bancke, called the Piper, men may found along thy it on in unto Pouliack, which is two great leagues, the well fide in feven fathom, but upon the northead is very in the farevvay betwirt the Piper and the point with the fleepe, and not farre of it is twenty fathom deepe.

From the norm point or me saver rangem or to me sours. He maneway entires on the norm new parties and the sale was a fair failed and the foother Affes, and called the norther Affes, and one foother hand, and the sale was a fair failed by the sale of it lyeth another fand, called the foother Affes, thorow be-by the point of Meffe, there it is 2.2 fathon deep the point of Meffe, there it is 2.2 fathon deep the point of Meffe. twixt them both, and also alongst to the fourthwards of them, When as that Royan commeth to the west point, where-

thom, when that the 1 ower of Coronn man fourness and by Journ noe, it is mounty, and at the north their is full of fands, east from you, runne then right in with it, through betwist where also men may ved faile through that are acquainted, the norther and fourther Affes, untill that the high white fand. If you have also men may ved faile through that are acquainted. From Chaftillion to Poulisck it is a great leaguest S, eat, Poulisch from you, men may so (comming from the northwards) runne in also about by the norther Affes, by your lead, untill that the la little Illand to the eathwards, men mult runne about it, right the state of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of t in alio about by the norther Alies, by your lead, until that the latter late and the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the Tower of Sources commercia great rations to the northwards Accessed where the Channell of Looye, and then of the Tower of Cordan, and the litle mill of Royan then are you falled northwards Royan, but you must reck on well your tyde, for runner then along the bythe north land in three, foure, and five

neth at love veater 3 fathom water upon the shouldes.

of Cordan, or the Pole head, or the mouth of the River tower of Cordan north and by east, and n. n. e. from you, and of Cordan, or the rootenean, or the mount is the Arver to version commontant of the state of the cord of Bordeaux, a salled the Garrone, the land lyeth fourthing large in for girth with it, untill Soulack come to be eath from and fourtheaft and by eath 13 leagues.

you, Royan thall then fland N.calf from you, faile then root of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of the cord of

owns with figurgrafic.

From the Tower of Cordan of the northwards towards the decoration of the cordan of the northwards towards the decoration of the cordan of the northwards towards the decoration of the northwards towards the northwards towards the northwards towards the northwards the n

Mills, or Meffie, it is 10, 11, and 12 fathom deepe, but out of From the north point of the River runneth of to the fouth-

twist themboth, and ano along to the ioutnawards of liver, and may faile into the River.

If you will faile into the River comming from the north-ard by fourth towards Chafillion, it is in this fareway all most wards, then you may run along they the flore in 12 and 13 fa- all along f rithout modes p, but comming neare the northor thom, until that the Tower of Cordan Rand Goutheast and by fourth fourth and the results of fands,

you shall saile thus towards the high sand-hill, and that the Tower of Soulack commeth a great sathom to the northwards Rocktaw, keepe that without the new wall of Bloye, and then

the flood falleth thwart over the Affes towards the Tower of fathom. When you come before the River vyhich lieth up Cordan, and the obbe in the contrary.

to the eaftwards called Dordoigne, then fayle first right
In this foresayd channell through betweet the Assermania with the middest off the second lland, and leave it on the starboard fide, and go indifferent neare along the by it, untill that For to fayl into the river along to the fouthwards of the you be over against or past the Gollows, which standeth Affes, comming from the northwards, (that is, the beft chanupon the east poynt off the River: and then againe anel)you must do thus: Bring the Tower of Soulacke east from longst by the northland unto the foure little houses. From you, or somewhat more northerly, and saile in so right with it, thence you must edge over to the high Tower of Dublot or untill the tower of Cordan be north and by east, and north-j processing the three processing the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of the transfer of



that edging over, you fall runne through betwixt a flour to keepe the better the Barre of Bayone deepe with fcowing banke on the larboard fide and a showld fand-plate on the through of the water. same on the same are nearly a movine tand-paste on the jurious of the water.

Itarboard fide, over a banke called the Pace, which is the houldieft of all the river, there remaines that low water a little fourth and by weff 4 leagues, there is a faire Bay where men The page left then a fathom. Being come over the Pace to the ealth fide, goe then in along the year after the page left then a fathom. Being come over the Pace to the ealth fide, goe then in along they the east flore, untill you be path fathom, according as they give the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to the page to th nue, goe men in mongit by the can more, many you be pair in in 1925 mile in, treame many grounds, at the crow at the wet Lemmod, then faile againe over to the weth fide, right with the lide cyde-haven, where upon liest the towne on the wet houses of Charterhoole, and then in all alongs by the west fide. At high water, and with an ordinary tyde there co-

mult flay at Royanumil the have good weather, and a fore- forefaid tyde haven, but it falleth allo dry at low water. thus ray at royal must the nave good weather, and a foreebbe to run out with in running out, keepe the high land-hill
normorthealt from you, folong until that the tower of Cor-

men may goe in there well at high water with great ships.
Before the haven of Arcachon, or Arcason, lie three showlds,

not user). The noticest entrey netter to the non-invariate or an indigent, the notice that the flowlide by the fourther point, in betwitten of nowldy fand-lifter. This forefaid hill of S. John de Lux flewerth it fells out banckes, whereof the one lieth off from the fourthermore in height above all other hilles thereabouts, and thereby is flowld, and the other from the fourhpoint of the maine land, very good to be knowne: above upon the top it is fornewhat nown, and the outside the land to the northwards of flat, as is demonstrated in the rising of the lands. Upon this fouthwest and by west into sea. The land to the northwards of routinwerrand by weir into ica. A necasitate one nortinwards of this haven is altogether fomewhat low fandy land without forefaid hill flandeth a Chappell, from whence men may fee this haven is altogether formewhat low landy tand without processor and transferr a chapper, from where and Arragol. trees, but to the fourthwards of it there are all fomewhat high into foure Kingdomes: France, Spaine, Navarrea and Arragol. About two leagues fourthweft and fourthweft and by well fand-hills without trees also, but comming before the havens mouth, you had fee within in the land many trees. When you from S. John de Luz, I ye the rocks called the Figuous of S. mouth, you had fee within in the land many trees. When you from S. John de Luz, I ye the rocks called the Figuous of S. mouth you have have four the land many trees. When you have have the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition of the proposition mouth, you shall fee within in the land many trees. When you a form to like the come out of the fee either from the northwards or the fourth. Anna, nor farre from land: a league to the westwards of them, Pignoss come out of the fee either from the northwards or the fourth. Anna, nor farre from land: a league to the westwards of them, Pignoss come out of the fee. wards, neare about this havens mouth, you shall easily cipy the lieth the Bay of Fonteravia, being a faire Bay. forefaid bankes on both fides of the fourther entrey, by the At the west point of the Bay lieth the C. Figuer, a high breaking of the fea, and you may borrow of them by your lead, as neare as you pleafe, they are very cleane and flat. Upon little chappell. At the point of this cape lieth a rock a little as neare as you pleafe, they are very cleane and flat. Upon the fauchtils within the havens mouth. Rand two great high the fauchtils within the havens mouth. Rand two great high the fauchtils within the havens mouth. The fauchtils within the havens mouth the tero Malta ways from it, but the fact cannot run through betweits them, see the total malts. If you will fayle in there, then bring the tero Malta observation in the cheer, and then they hall that do northeaft and by each the cheer, and then then the from you, keeper the mose in the other, and fayle in for right from you, keeper the more in the other, and fayle in for right from you, keeper the more in the cheer, and fayle in for right from you, keeper the more more than the malta of from the more say good ways of from the land. with them, and you shall fo fayle in betwith the two foreland For to avoid them you must faile in by the west point for to with them, and you shall to tayle in betwist the two totelayd banks; and at low water you shall not stude left their two is come into this Bay, and being within it, you may anknot a thom water, but at high water you shall have five and a halfe, and fixe fathom water, go in soupon the markes, until you come within the showleds, and to the end of the showled field shall be the showleds. It is the showleds and the showleds are the showleds and the showleds and the showleds and the showleds and the showleds and the showleds and the showleds and the showleds and the showleds and the showleds and the showleds and the showleds and the showleds and the showleds and the showleds and the showleds and the showleds and the showleds and the showleds and the showleds are showledged and the showleds and the showleds and the showleds and the showleds are showledged and the o the farboard fide. Being gotten in within it, you must laife in enrough lend about laife wayes betwirt S. John de Luz being, up about by it; and goe then on northurally outcome to the and this invefaid Bay of Fonteravia.

A litel segme to the wellwards of C. de Figuer, lieth Paf- Pafingie. point, which you mail rec on the narrodard nice, our give that abirth, because there runneth off a tayle, there is in that reach fage also a faire haven. At the welf fide of the havens mouth, no leffic then ten, eleven, or twelve fathom deep. Being come which is verry narrow, lieth a round rock to that it is evill to about that point, you may then faile in close along it by the consciuthere with an ebb, but with a flood it is bettet, withor further in about the fecond poynt, in two and three fathom. within the haven on the well fide, where men doe lie before it Over against the first point, on the north side, it falleth very in 7 fathom.

insteen or leventeene reagues. A de ravers houth of bayone lieth in betwirt wo plaine (transfe salfoutheaft, and eaft and many Barkes. The haven of Saint Sebaftians is good for to come into, or the flutting and altering of the fands before the Rivers many the form of the flutting and altering of the fands before the Rivers many the form of the flutting and altering of the fands before the Rivers many the form of the flutting and altering of the fands before the Rivers have no far and the form of the flutting and altering of the fands before the Rivers have no far and the first many that the form of the flutting and altering of the fands before the Rivers have no far and the form of the flutting and altering of the fands before the Rivers have no far and the flutting and altering of the fands before the Rivers have no far and the flutting and altering of the fands before the Rivers have no far and the flutting and altering of the flutting and altering of the fands before the Rivers have no far and the flutting and altering of the fands before the Rivers have no far and the flutting and altering of the flutting and altering of the flutting and altering of the flutting and altering of the flutting and altering of the flutting and altering of the flutting and altering of the flutting and altering of the flutting and altering of the flutting and altering of the flutting and altering of the flutting and altering of the flutting and altering of the flutting and altering of the flutting and altering of the flutting and altering of the flutting altering and the flutting and altering of the flutting altering and the flutting altering and the flutting altering and the flutting altering and the flutting altering and the flutting altering and the flutting altering altering and the flutting altering altering and the flutting altering alter as a mgo water and oping sydem tent interfacion, within locater anways upon its and acti necrea the enternal, by ordinary ryde two fathorn and a halfe. but at the wester not in the well-and it is deepeten fathon. Now for to avoid the more than 1 fort water. When you came about the point, you interface to comming in there commett an above ro must faile up to the fourthwards, keeping about the middle of must faile up to the fourthwards, keeping about the middle of the callwards of the well-commission. The call was a standard of the river, a reacher than 1 for the call was of the well-commission in the other, then you run into callwards the river. the channel alongit the river's of rather the detection of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the con

noules of Charterhoule, and then in all alongit by the weit inde. At tiggs water, and with all crumany 150c Gate-Office flower, untill you come before the towne of Bordeaux, in that encoded reach betwirt Larmonder and Charterhoule it is 5, 6, and 7 fathorin deep, and before the town 4 and 5 fathom. When men will fayle out of the river of Burdeaux, they also all the Dock, where there is a foot water more them the

dan be foutheaft and by eaft from you, then you may fayle our through the Affes northweft and by well into fea. From Cordan or the river of Burdeaux, unto Arcachon, the well, and fouthwell towards Fonteravia. Upon the earl point coaft lieth fourh and north twenty leagues, it is all low fandy of the Bay flandeth a white Fire-tower which men may fee land, betwist them both lieth a yde-haven called Anchies, farre off, especially when the Sumethineth upon it, then it finineth very white more then the other land. Upon the west point standeth a stat white hosses a little wayes upon the high men may fayle into the northwards of them, and allo into the land, and to the welfwards of the Bayle it is upon the failed men may fayle into the northwards of them. men may tayle into the northwards of them, and ano into the land, and to the wertwards of them; it is upon the real references foothwards of them; the norther curry goeth in betwixt the gray and blowth land. Also the high hill of S. John de Luz, is north poynt and the northermost showld, but it is narrow and a good marke for to know this Bay, which remainesh in faynor deep. The fouther entrey lieth to the fouthwards of all lingin, Jye fomewhat to the caltwardes, or on the lartoad

about that point, you may need more about my the consumers with all too, not with all too it is seen cleane, without any blowdls or footieg ground and on the farboard fide, which lieft early footbearly, or you lout it is very cleane, without any blowdls or footieg ground may anckor there in fixeen, frience, twelve and ten fathom, but onely the forefaid rounde rocke. The towns lettla little may are considered to the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the constru

Two great leagues to the westwards of Passage, lieth From Arcafon to Bayone, the coast lieth fouth and north fixteen or seventeen eleganes. The Rivers mouth of Bayone there goeth up into the land a showld little river, where come flina.

mouth. Upon the land on the fourth fide of the channel, stand eaftermost is tegreat, standing upon a high hill. The weltermouth. Upon the land on the fouth face of the channel, stand; carectmon is regreat, transing upon aing mil. The wester-words, thefe you must keepe one in the other, or the innermont a little to the northwards of the outermoly, and run fo in over the Barre or flowldieft place, until you come against the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received and the received over the Barre or however place, until you come against the result nue Caures, inch a rocke, which at row waters is not fouth point, and then in a longil by it. Upon the forefald Barre flathon deepe, and when it is a forme out of the fea, it is at high water and Spring tyde, at least there fathon, with an it is the place and Spring tyde, at least three fathons, with an increase of the cast land, by

Bar and this River is Pilots water.

A little within this Barre on the north fide of the river leading to the northwards a great water within, of y leagues long; and falleth out into Sca by Cabritton. Alongft that great war and falleth out into Sca by Cabritton. Alongft that great war upon the found not failed up to Bayone, but it is now littles. When you are come through the narrow within the pront the found neal at the river of Bayone almost altogether paled too, fo that there can but fmall barkes goe through, for the great caftle, there is the best road. Within the forestiad castle

not anckor, because it is flat and showld there,

W. N. W. 13 leagues. Betwirt them both lye the roades Ga-reria and Deva.

20 fathom deep.

From S. Anthonies hill to Cape de Kefgo it is welt and W. C. Refgo.

N. W. diffant 8 leagues, being a faire round fandbay, whe- wards of S. Andero: thwart of it is clean groundre is good riding for welterly winds, men lye there within the welt poynt right before the Towne, in faire fandy ground, a welf and by fouth five leagues, a little to the fourthwards of the north winde commeth right from the poynt. This bay is commonly called Kings-haven.

league within the land, upon a river which commeth out of the obout 5 leagues. high land. A litle to the westwards of Cape de Martinchaco, For to know the land when you fall with the land about La-Laredo. lieth a great rock fait the land, and a litle to the weltwards of redo, jou mult know that on the welt fide of the haven of Lathe fame, another; upon the point called Putte de A villa- redo, lieth the hill of Saint Anthonies, which is a very high may anckor where they will.

and fouthwest and by fouth 7 leagues.

west winde. From this foresayd poynt or road to the Barre or forme like the point of a sword. river mouth of Billson, it is a league and a halfe Gutth and by weft, which litch in by the weft land, there thander hieror when the mean referred the haven, then they find fee to the eather which is the mean referred the haven, then they find fee to the eather the mean referred the haven, then they find fee to the eather the mean referred the haven, then they find fee to the eather the mean referred the haven, then they find fee to the eather the mean referred the haven, then they find fee to the eather the mean referred the haven, then they find fee to the eather the mean referred the haven, then they find fee to the eather the mean referred the haven, then they find fee to the eather the mean referred the haven, then they find feel to the eather the mean referred the haven, then they find feel to the eather the mean referred the haven, then they find feel to the eather the mean referred the haven, then they find feel to the eather the mean referred the haven, then they find feel the mean referred the haven, then they find feel the mean referred the haven the mean referred the haven the mean referred the haven the mean referred the haven the mean referred the haven the mean referred the haven the mean referred the haven the mean referred the haven the mean referred the haven the mean referred the haven the mean referred the haven the mean referred the haven the mean referred the haven the mean referred the haven the mean referred the haven the mean referred the mean referred the haven the mean referred the haven the mean referred the haven the mean referred the haven the mean referred the haven the mean referred the haven the mean referred the haven the mean referred the haven the mean referred the haven the mean referred the mean referred the mean referred the mean referred the mean referred the mean referred the mean referred the mean referred the mean referred the mean referred the mean referred the mean referred the mean referred the mean reffect the mean referred the mean referred the mean referred the m fixe houses upon the west land, when the two westermost hou- vvards of the towne, a Castir upon a high hill, in forme like a fe come one in the other, or when you may fe through the two | Sugerloafe , or abey-crock , and to the ealtwards of it is much caltermoft houses, which thand within in the land, then are you | double land of two and three height double. But when men months Bar or flowed, then go in fouth, and footn and by come about the Cape & Kefigo, then they final fee prefently eaftright with the Calle Portugaletto, and along the close by the calle upon the Weft land, the Caftle, and anckor a little within the Caftle for a weft | From S. Andero to Capede Pinas, the course is West or a winde. But when you are before the Barre, the Pilotes come litle more Northerly 3 8 or 39 leagues. Betwixt them both ly fand bring you to the Town.

When you lye without in the Bay, then you may fee Mount

First the haven of S. Martin, or Settevilles, a tyde-haven off and bring you to the Town.

Anthony lie west and by north from you.

From the poynt of Bilboa to Castro, the course is west five leagues, that is a good haven for fixe, feven, and eight fathom diffant: the haven goeth in on the east fide, from the West depth. The narrow of the haven lieth in fouth, in 10 fathom. fide commeth shooting off a litle river, and in the midst of the But further in the river towards the towne, it is not deeper havens mouth lyet a litle Iland, where men may goe in on

SAMONY. From S. Vincentto Lhanes, a tyde-haven, the course is W.

caffle goeth up a little water, men may goe at low water a foot faid hil of S. Anthonies, which is a high hill men may faile from the eafter castle alongst a high strand upon the maine in close alongst by it, until they come about the east poynt, land, unto the Towne, which lieth behinde the forestayd high within it is wide and broad, and a fit haven for great shippes, hill with the Castle, yet the strand at high water is covered; it there men may anckor in seven or eight fathom. To the east-Suncken is a bay, and within before the towne it is deepe five, fixe, and wards over against the hill of S. Anthonies, in the middest of rocks feven fathom, at the west fide under the little Iland, men may the found, lyeth a rane of rockes under water, where men may fayle in about it on both fides, men may cafily efpy them, He that will goe forth from thence into S. Sebastians, let because it doth alwaies breake upon them, within them is the him run in, keeping the middle channell, betwist the two 1- road for ordinary flips, a little before the haven, which is built lands, and let him leave the little lland where upon the chap-with a wall: but the great fhippes lye a little further off in pel standeth on the starboard fide, running in fo right against | 6 or 7 fathom depth. On the south fide of the haven is a little the first or the second wall of the towne, and anckor there, tyde haven, from the same there commeth a great rifle shoothe bots or shall come aboard of him, and helpe him ting off from the east side, towards the hill of S. Anthonies; the Dots or manages man come aborat on timi, and neigh a min of the haven betwist the walled so.

A league to the wellwards of S. Schaftians, lyeth a fandbay, where men may anckor fo deep and fo fhallow as they will.

From S. Schaftians to the C. de Marinchaco, the courie is

Gateria lieth from S. Sebastians west and by north, and W. and by south two leagues, that is a great Cape lying to the cast-

ay, there is good anckoring in ten fathom.

Alongst the coast of Biscay, betwist S. John de Luz and From C. de Kesgo to the haven of S. Andero, the course is S. Andero Alongume clean ground and good anckoring in the glean pound and glean pound and good anckoring in the glean pound and glean pound and glean pound and glean pound and glean pound and glean pound and glean pound and glean pound and glean pound and glean pound and glean pound and glean pound and glean pound and glean pound and glean pound and glean pound and glean pound and glean pound and glean pound and glean pound and glean pound and glean pound From Gateria to Deva it is a league and a halfe to the west- on both sides, it is deepe 8 and 9 fathom; but to the south-From Gateria to Deva it is a league and a naltet to the wetton both nices, it is usefue a and y nationary out one found water that come thou of the high land.
Two leagues to the wettwardes lieth the poynt of Cap
Martinchaco.
Wheelt The Hand lieth a great league within the buy-from About thirteene leagues welfnorthwest from S. Sebastians, the east point of the haven, unto the west point of the land, it Iveth the Cape de Martinchaco, a litle to the westwardes of it is fouth and north about a great league. S. Anthonies and the is a good tyde-haven. where in lieth a litle Towne about a west point of S. Andero lie one from the other east and west,

nes. Southwest and by west from Martinchaco lyeth the haven hill which men may see very farre from the east and the west, nea-norm with annoy we know manufactory can be have a plan what he may be every after from the east and yee also a foremen mult give it a good birth, and run in alongit by the (harp-hill like) and the above the rown of Laredo, a foremen mult give it a good birth, and run in alongit by the (harp-hill like) point it is larged enough, there they had foword, further it is about Daredo very high double land, which is the part of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control o two, three, and at fome places foure double. The hill of To the westwards of Barmea, lieth also Placentia upon a S. Anthonies doth arise in two high hommocks, with a valley litle River, the towne lyeth a litle within the land. There are or faddle in the middelt betwixt them both; within in the land lie also two high hills with sharpe toppes. Above and to the w. From Cape de Martinchaco to Bilbao, (where betwixt lye wards of S. Anthonies, lieth a piece of land about two leagues the forefuld havens of Barmea. Placentia) it is fouthfouthweft longly judgement, which lieth in five hills, the eaftermoft is the lowest, and rife all higher & higher towards the west, so From Placentia to Bilbao it is two leagues weltfouthwest that at the last to the vvestermost is the highest, which goeth and west and by fouth. Bilbao lieth upon a great river, alongst off somewhat slat downwards towards the vvest. Betwist that and welf and by fouth. Bilbao lieth upon a great river, alongit | oif formewhat flat downwards towards the vertet, Betwart that which there commeth of much Iron, it is a good haven, but it elaermon bill it S. Anthonics, liethed bay about a league long, lieth not farrei in, by reafon of the Barre which lieth thwart over the haven, where men muft goe in with high water.

At the eaft proynt of Bilbao blooceth off a rife, which men muft avoyd, there lye alfo fome rockes under water. It is a high life lieth an other peece of land wich at the eaft end is hit expenses and is white to foe to.

Within the rife that runneth off from the poynt, mentage life, and goeth looping off cowards the well end, all limit lieth an other peece of land wich at the eaft end is hit lieth and the fired by the poynt and that life by the poynt and the life that runneth off from the poynt mentage life. For land, Betwitz that point and the five forefail hills, the poynt and the life that the possession of the poynt mentage life. The poynt and the life that the possession of the poynt mentage life that the possession of the poynt mentage life. The poynt and the life that the possession of the poynt mentage life that the possession of the poynt mentage life. The poynt and the life that the possession of the poynt mentage life the possession of the poynt mentage life. The poynt and the life that the possession of the poynt mentage life the possession of the poynt mentage life. The poynt and the life that the possession of the poynt mentage life the possession of the poynt mentage life the possession of the poynt mentage life the possession of the poynt mentage life the possession of the poynt mentage life the possession of the poynt mentage life the possession of the poynt mentage life the possession of the poynt mentage life the possession of the poynt mentage life the possession of the poynt mentage life the possession of the poynt mentage life the possession of the poynt mentage life the possession of the poynt mentage life the possession of anckorin feven and eight fathom; betwirt the poynt and the lieth an other faudbay, where abouts stand some litle houses, Piere on the east fide, there the Pilotes come off which bring but by it lie many rockes and sowle ground. Thereabouts up the shippes, and there men may be land-lock for a north within the land lieth the foresaid high roundsharpe hill in

ying eaft and West 4 leagues from S. Andero.

From thence to S. Vincent also a tyde-haven is five leagues both fides.

north nine or ten leagues. From Caftro to Laredo, the course 2 or 3 leagues. Upon the vveff fide of the haven standeth a is west distand five leagues, upon the west fide lieth the fore-little Church: and a little within the haven, by tha middle

fe are all narrow havens, and but little knowne.

is alfo a tyde-haven, but is clean, the havens mouth lieth in rockes, which lieth off from the weft shore, as foone as you S.S.E. and fourtheaft and by fouth close alongst by the west shall be past it, you must suffe up about it towards the west point of the land, the east side is fowle unto the middest of the shore, for to give the east shore? (within the havens mouth) a haven: there lieth a rock with a plate right in the midft of the birth, which is a great wayes within very flat or showld, but on haven, which a low water falleth dry: fo foon as men are within that rock, they mult anckor within the rock; upon the welt on the welf shoarea little within the poynt, where the riffe fide lieth the towne, men may also sayle up to it, and anckor lieth off, which you shall see when you are come within the there in the showld water.

the little haven of Sanfon in 6 or 7 fathom.

Three leagues to the westwards of Tores lieth Cape de Pi-

is. Three leagues to the well-wards of Tores lieth Cape de Pinas, where many rocked by oth Grewards, a leaft at laile league of, fome doe fay that men may fayle through betwirk the poynt and their cokes.

From the cape de Pinas lieth off a rane of rockes, lying at the leaft a halfe league into fee, form dy that men may fayle through betwirk the poynt and their cokes. But a little within or to the well-wards off the Cape de Pinas, keller a great rocke and the land men may fayle through betwirk the poynt and their cokes. But a little within or to the well-wards off the Cape de Pinas, keller a great rocke and the land men may fayle through.

When men are within the Cape de Pinas, keller a great rocke and the land men may fayle through.

When men are within the Cape de Pinas, keller a great rocke when the land the land with the cape de pinas, then by the land the land with a good tyde-haven, where a great fluippe may goe in at halfe flood, allo here is a good root and before that haven in a end y fathoum,

there is a good road before this haven in 6 and 7 fathom.

For to fayle in there, men must goe in by the aest land, the For to layle in there, men must goe in by the aetit and, the week-land is farre off flowled, there thandes in kittle Chappell From Arcafon to buyone fouth 16 or 17 leagues upon the eaft-land, men must fayle in close by it, and auckor From the Tower Gordan to cape depinas welflouthwelf flomewark founkerly a litle waves within two rockes that lye on the east fide, a litle within the havens mouth. The towne lieth a league further alongft the haven, towards the town, fo that it is there very howld on both fides. On the weft fide without the haven in free fide without the haven in the bight, lie two great rocker right before the little Church; from Gazeria to are Marinchato sorthwell in the Sand-bay, men fayle round about them, but it is not fine fide before the little Church; from faint schalinas to eli-life in, w. somewhat northedy in the Sand-bay, men fayle round about them, but it is not faint for both little characteristics. very cleane: but without the rocks is good anckor ground in 7 or 8 fathom, over against the little Church that standeth a gainft the high land.

From Avilles to Luarca is 6 leagues and from Luarca to Ribadeus W.S.W. 6 leagues, and from Avilles to Ribadeus S. W. and by west 12 leagues.

From the east povnt of the havens mouth of Ribadeus. Ribadeus. From the east poynt or the navous mount of least of lieth off a ledge or riffe off rocks towards the well thoare, you may found in about it in foure fathom, or foure fathom and a halfe: or elfe if you keepe the little towne Castropoll even without the poynt, and fo fayle right in with it, then you shall not come to neere the forefayd ledge, but you fhall fayl far enough alongst to the w.wards off it. The west poynt sheweth it felfe when you come in out of the fea, like an Iland, upon it at the north end ftrandeth a flat tower, allmost like the tower in the Groyne, but not fo great. About thwart off that Tower lieth a funcken rocke a little wayes from the land, you must

plate or fand, men mult go in on the well fide of the land: the-look out for it, and take heed off it, when there commeth in are all narrow havens, and but little knowne.

From Lhanes to Rio de Sella, the course is west 5 or 6 upon it, but not with smooth water at the very lowest water leagues: betwirt them both lie alongst the coast many rocks, it commetheven with the water. The west should and and within them many fand-bayes, where men for need might rocky: there runneth off to the fourthwards of the forefaid

Tower also a fowle ledge or riffe off rocks, at least halfe waves Hee that will goe into Rio de Sella must looke out for a over the havens mouth, and at the fide of it you cannot use the maft which ftands upon the east land close by the same men lead. When you are past the ledge or riffe that lieth off from must you in, that we did it is within foole, within the malf men must anchor before the village; this is did a yel-a haven From Rio desglar of William (1) and the work of the result anchor before the village; this is did a yel-a haven From Rio desglar of William (1) and the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of west poynt, and run alongst by the riffe, when you get that Seven leagues to the westwards of Villa Vitiosa lieth the little tower west or thwart of you, then are you at the end of out-poynt of Sanfon, to the eaftwards of it lyeth a little Hand, the riffe, then you must fayle towards that little Tower, untill where upon standeth a little Tower. Betwixt Sanson and the that you come to the west shoare and run in alongst by it, unforefayd little Ilandis a good road in fix or feven fathom. till you come before the Towne, there you must lie with an At the west fide of Sanson is also a good road right before anckor to seawards, and, with a cable fast on the rockes.

## Of the Tydes and Courses of the streames.

To the weftwardes of Sanfon lieth Gion with a Piere or Head that is paled off, under the which the Filhermen which due there, lay they barkes.

A great league to the weftwards of Gion lieth the Bay of Jarones, a good read for a fourther and weft wind in 8 and 5 fathom. Upon the poyrt flandeth a high tower.

Three leagues to the weftwards of Sinch Sinch Garden B. The Control of the Sinch Garden B. The Control of the Sinch Garden B. The Control of the Sinch Garden B. The Control of the Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. The Sinch Garden B. T

Of the Depths.

## Courses and distances.

25 leagues From Arcason to bayone south within the havens mouth. The towne lieth a league further prom stream to faint tohn de lar fourth and by well a league further prom the well poynt runneth off a rife, and lyeth inwards land off the haven, towards the town, of that it; is there yery! From S, loha de lar to fair Southins well a leagues along the haven, towards the town, of that it; is there yery! From S, loha de lar to fair Southins well sleagues leagues the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south o 8 leagues 5 or 6 leagues 1 12 leagues 8 o leagues

From faint sebaltians to the Seames northweft and by north
The couries and diffiances of the places one from the other, is declared in the
defcription.
From cape Martinchaco to Arcason northeast easterly
28 leagues From cape Martinchaco to Vfe, north eatherly 60 leagues
From S. Andero to the Seames northnorthwest 96 leagues
From capede pinas to the Tower of Cordan eastnortheast and northeast and by east 72 leagues from cape de pinas to Porthus or S. Martins Iland, the course is northeast eafterly

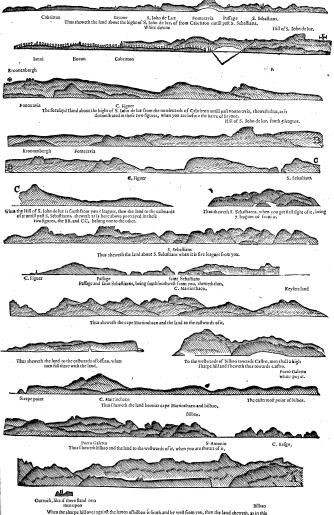
From cape de pinas to bell-ile, the courfe is northnortheaft From cape de pinas to the Seames north 88 legames
From cape pinas to cabode Veilli in Ireland north and by weft welterly
170 leagues

| Heights.                                         |                                         |
|--------------------------------------------------|-----------------------------------------|
| The Tower of Cordan lyeth in                     | 45 degr. 45 minntes                     |
| Arcafon in                                       | <ul> <li>44 degr. 40 minutes</li> </ul> |
| Bayone lyeth in                                  | 43 degr. 45 minutes                     |
| The cape de Martinchaco in                       | 43 degr. 46 minutes                     |
| The cape Martinchaco lyeth in                    | 43 degr. 46 or 48 min.                  |
| The cape de pinas lyeth in                       | 43 degr. 54 or 56 minnt.                |
| the whole coast of biskaye betwixe cape de pinas | and Martinchaco, lyeth in               |
| about 43 d                                       | egrand 43, 44, or 41 minut.             |

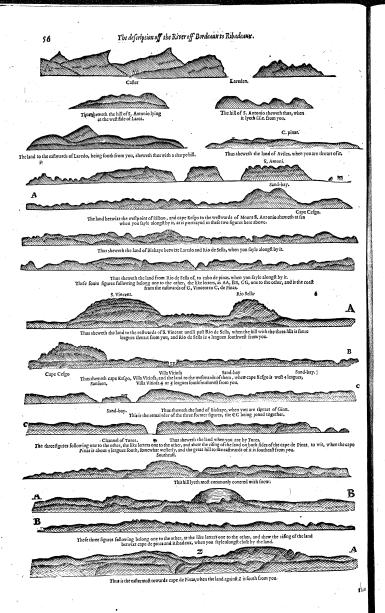
How thefe Lands doe shew themfelves at Sea.

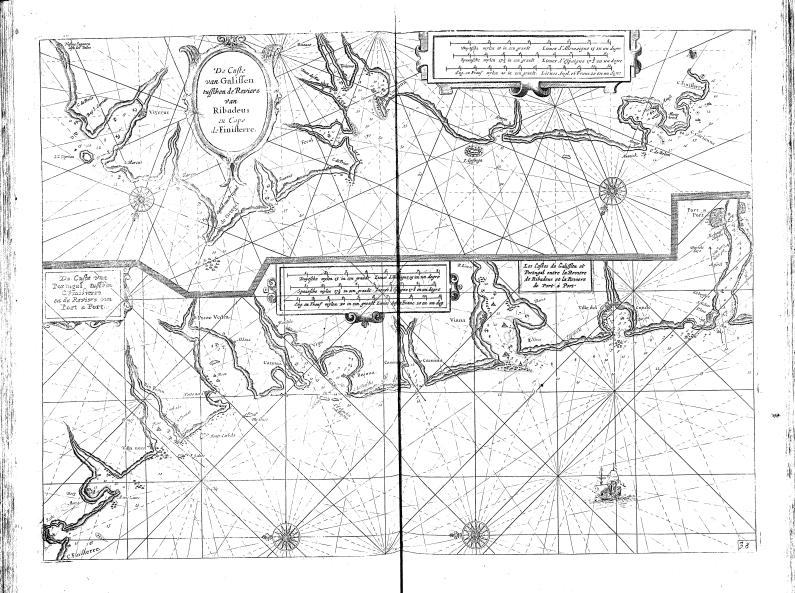
Thus sheweth the land about Arcason when it is from you eastfoutheast neare two miles.

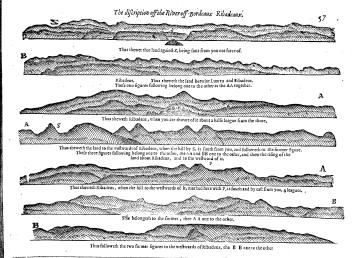
Thus appeareth Arcason when it is northeast and by east about two miles.



When the sharpe hill over against the haven of bilbao is fouth and by west from you, then the land sheweth, as in this the following figure may be feene the AA belong one to the other.







## The third Demonstration,

Which Delinia teth the Sea-coastes of Galissia and Portugale, betweene Ribadcus and the River of Porta Port.



us lyeth a tyde-haven, he that comment the caffle fland against the high land.

About a league northnorthwest into sea from the C. de Or- c. Or-

re abouts, which may be knowne at least 7 or \$ leagues off, the westland, which is a high land, alongst by it is twelve faupon it lyes ome hee apes of stones toe see to like little house, thom deepe, within the havens mouth it is ten sathom deepe, when that you have that hill S. S. W. from you, and faile in fo you may faile in untill you come before the towneyand anckor right with it, then you shall with the land right before the hat there in 6 or 7 fathom, vens mouth of Ribadeus.

de Brilo, a little to the westwards of it lieth the little towne full of people. Viverus. Viverus. To the westwardes of the Bay of Cipriaen (where Three leagues from the Cape de Prior, lieth the haven off men may anckor in ten fathom) lye two great high rockes w. Feroll: betwist them both lye two little fand bayes, the foun. w. from these rockes about a halfe league lieth the land S. thermost (where in stand some little white houses) is the great. Ciprian, right before the haven of Viverus, whereby this ha- eft, and lieth a little to the northwardes of the north point off ven is good to be know: you may faile about on both fides off Ferroll, when you come neere the Baye, the haven beginneth this Hand into the baven of Viverus, in all alongst in the middle to open it felfe, it lieth eastnortheast and east and by north in, off the channell fouth and fouth and by well untill you come amids the channell betwixt two high lands: when you come in, before the town, being within, you may anckor where you you must prefently edge up to the northwardes by the north will either on the eaft or west fide, it is there showld water off 5 point and ancher there a little to the westwardes of the village 6, 7, and eight fathom, according as you run farre in From the Ferol, before the village it is flat and rocky ground. havens of Viverus or from the lland S. Ciprian to C. de Orte- When you come from the west, or from the Groyne, and gall, the courfe is w. n.w. nine leagues.

in 7 or 8 fathom, and ride for a S.S.W. and west wind.

northwest, the reagues. Or egain is given powering on the castwards of ir, mem may be landlock for a northwest, the castwards of ir, mem may be landlock for a northwest, the fowle grounds which lye off from it, faile them right to west fourthwest, and fourth winde, thwart of the castle is the best the north point of the haven, and alongst by it towards the road, there men may anckor in \$ or 9 fathom. When men come fouth-fide, untill that haven doe open it felfe againe, and

Little league to the westwards of Ribade- from the east. Ortegall is good to bee knowne, they shall see

of it, showld lightly thinke that to beethe tegall, lieth a great rane of rocks: betwirt them and the fore- regall.

have not Ribadeus, but it is light to difer-lance from it by their marker following. On ne from it by their marker following. On hoth fides of this tyte-baven are the coalts shoth fides of the havens mouth of Riba-all high land, but on both fides of the havens mouth of Ribadeus, it is low land. Alfo there lieth a high flampe hill, and very pe havenlying in foutheaft. The north fide of the haven is s. verm. good to be knowne, which arifeth our above all other hills the vocky and fowle, which you must avoyd, and run close in by

Five leagues to the westwardes of Sedeira lieth the C. de C. Prior, Northwest from Ribadeus about I leagues, lieth the Cabo Prior, which is a very ragged hill, to see to a far of, as if it were

will fayle into the haven off Feroll, then goe away from the For to fai-Betwirk both, a league to the weltwards of Viverus, Iyeth Betwirk both, a league to the weltwards of Viverus, Iyeth Betwirk both, a league to the weltwards of Viverus, Iyeth Bittle Iland S. Blafus north and north and by well, and multi-simote-the little towne of S. Marcus with Bay, there men may ancker a good wayes about, without the fouth point off Fertoll de founding the foundi 7 or 8 fathom, and ride for a S.S.W and weft wind.

Two great leagues to the weftwardes of S. Marcus lieth the open, goe then yet fo farre to the northwards off the fouthriver of Caryas, there is allo good anckoring, and from thence point, untill that the haven doo flut againe, and run then forthunto the Caftle of Ortegall, all the coat along t, it is the right in with the forefayd greateft fand-bay, wherein fland re every where cleane. From Caryns to Ortegall, the course is the two or three little white houses to the northwards off northwest, five leagues. Ortegall is a great point lying out, to the haven, untill that you bee within the south point, and

This haven is so narrow in the comming in , that you may ealt longst the haven, whereof you must take heed. aftone upon the land on both fides, and in that narrow it is 20 The eafter channell is better to come into , then the wefter the eafter fee through betwixt the Iland Sifarga, and the maine land to Church without the point, you may also anckor on the north

to the form of the first part of the foreign the course is fouth, and into the fourhand by welt. I leagues, when you come necre the weltland, you must give it a birth, at leaft of four or five Cables |
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land, you lengths, because it is not very cleane. When you come by the lengths, because it is not very cleane. When you come by the point where the Castle standed upon you shall see then also a down stand by east and by S. and by w.

Southwest from the cape Bellem 3 leagues lieth the cape de C. de Co. d little lland with a little house upon it, you may faile alongst by it within a halfe cables length, and runne about by it, up to the Coriane. westwardes, untill you come before the Fisher village, and From cape de Coriane it is fouth and north three leagues to anckor there in fixe, feven, or eight fathom.

fouth and by west five leagues.

deth upon, goeth in a Sound fourtheaft, five or fixe leagues with- men must take heed. in the land, to Bitanze, where you may anckor on the west fide under a row of rocks, in 10 or 12 fathom, also you may faile fo deepe in, that you can fee no fea.

a great bridge over the river.

Ponte de He that commeth from the west off from the Yland Cifar-

or the west point of the Groyne (where the tower standeth) a about northnortheast from you. birth of 4 or 5 Cables lengths, as before is faid, which point calt, and foutheast about by the point, and afterwardes S.S.E. cape de Finisterre, you shall fee a high ragged hill which run-

The little lland Cifarga, of the Dutchmen called Cefarie, is west and by west, and from the C. de Ortegall southwest, and good to know. fourhwell and by west 17 or 18 leagues.

lands, then they must goe in amids the channell, unto the point. and then run op the westwardes a great halfe league in, and anckor there in 7, 8, and nine fathom.

From the Yland Cifarga fouthwest and by west, and W. S

land a fand bay.

Also men may see comming about the C. de Finisterre, a ley from the east end of the foresaid Fisher village. ragged hill which runneth alongst fo farre to the fouthwards that men may fee it before the Moores.

point is altogether a ragged high sharpe land of steep rocks, as 13 fathom. before is said, and when you are by that point, then you mult | If you will saile into Rio Roxo, then run about without the Fortessia nettore is into, and which you are by that point, then you mutt.

11 you with the first NM NASA, then that about the foreign teckes, which lye to the fourthwards of the Moores, and goe in Einsburgh Kore, folong untill that the Church of S Maria come without the point of Monfie; run then in at the cafter channell S. S. E. Haven of Rio Rotlo, or Roxo, then you find fee a great the first that the cafter channell S. S. E. Haven of Rio Rotlo, or Roxo, then you find fee a great the first that the cafter channell S. S. E. Haven of Rio Rotlo, or Roxo, then you find fee a great that the cafter channel S. S. E. Haven of Rio Rotlo, or Roxo, then you find fee a great that the cafter channel S. S. E. Haven of Rio Rotlo, or Roxo, then you find fee a great that the cafter channel S. S. E. Haven of Rio Rotlo, or Roxo, then you find fee a great that the cafter channel S. S. E. Haven of Rio Rotlo, or Roxo, then you find fee a great that the cafter channel S. S. E. Haven of Rio Rotlo, or Roxo, then you find fee a great that the cafter channel S. S. E. Haven of Rio Rotlo, or Roxo, then you find fee a great that the cafter channel S. S. E. Haven of Rio Rotlo, or Roxo, then you find fee a great that the cafter channel S. S. E. Haven of Rio Rotlo, or Roxo, then you find fee a great that the cafter channel S. S. E. Haven of Rio Rotlo, or Roxo, then you find fee a great that the cafter channel S. S. E. Haven of Rio Rotlo, or Roxo, then you find fee a great that the cafter channel S. S. E. Haven of Rio Rotlo, or Roxo, then you find fee a great that the cafter channel S. S. E. Haven of Rio Rotlo, or Roxo, then you find fee a great that the cafter channel S. S. E. Haven of Rio Rotlo, or Roxo, then you find fee a great that the cafter channel S. S. E. Haven of Rio Rotlo, or Roxo, then you feel the cafter channel S. S. E. Haven of Rio Rotlo, or Roxo, the cafter channel S. S. E. Haven of Rio Rotlo, or Roxo, the cafter channel S. S. E. Haven of Rio Rotlo, or Roxo, the cafter channel S. S. E. Haven of Rio Rotlo, or Roxo, the cafter channel S.

coannes or in different nearealongit by the fand, and when the foreign the fairboard open, and then runne in keeping the middle off

runne then (at before) alongst in the middest of the channell. The not to farre in, because there shooteth of a showld rifte as

fathom deepe. When you are in the havens mouth, you may channell, faile not into Monfie before that you fee the forefair Monfie. fide of the haven in five, fix, or 7 fathom.

Our Ladies Church and the Munck lye one from the other

characters, among outcomes constructings, and characters in fixe, feven, or eight fathom.

From Cape de Prior to the Groyne, the course is fouth, and remember and construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the construction of the con anth and y welf five leagues.

Eathorstead if from the forefaid Hand where the Caftle fam.

I and At then fide of this Bay lye rocks under water, whereoff

About a league to the eastwards of cape de Finisterre on the fourh fide, lieth the Haven of Seche or Corcovia, and is called Seche by the Dutch Schippe mafters, Corck Bayone. Betwixt this Bayone To the northwards of that Sound, over against the point of Haven and the cape lye two fandbayes, the first, or that which the Groyne, lieth also another haven or Sound, called Ponte is next unto the cape, is the greatest, and by the second goeth de Mas, on the north fide lieth a row of rockes, where men run in this haven north, in eight and nine fathom. On the eait fide alongft to the fouthwardes of them: men may also faile there of the haven lieth a great Rocke, and about fouthfouthwest of fo deepe in, that they can fee no fea. A good wayes within lieth from that Rock, almost in the middest of the haven, lieth a funcken rocke under water: But run in n. untill you efpye the towneon the well fide, and anckor there in 6 or 7 fathom. ga and is bound into the Groyne mult give the north point Within upon the River lieth alfo a Village, or little Towne,

From Cape de Finisterre to the Haven off Moores , the Moores, is rocky and fowle farre from the shore, & run then eastfouth-course is foutheast 5 great leagues, when you come about the unto the little Hand with the Caltle and about by it as is before Mores, that is good mark for to know the lead by thereobours, fail.

When the forefayd ragged hill is northeaft from you, then fowle round about , and lieth from the point of the Grovne, are you thwart of cape de Finisterre, and then the hill Monte due erfl and welf diffiant 7 or 8 leagues, from the haven of Fe-toll welf and by fouth, from the C. Prior W. S. welf and fouth-calloor the affective forms of the calloor forms of the calloor form of the calloor form of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms of the calloor forms o

Southeast three little leagues from the cape de Finisterre, From the Ylahd Clifarga fouth and by west, and S. S. west lieth a rane of rockes under water, and eastfoutheast about two Queres. Ich Queres, a good haven also for greathips, the well floor is cleane, but the eaft floore is cleane, but the eaft floore is one of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of t in along it by the west shore , when they are betwist the two and by from Monte Lauro west and by fouth. Also thereby a deale of rocks to the fouthwards of this Sound of Moores, and right in the midft of the Sound lieth also a funcken rock about on heaft of from Monte Lauro.

He that will faile into Moores , he must bring Monte Lauro For to be 1. From the Y land Charge foothwest and west, and W. St. 

\*\*Let nat win tale into accores, in emit tring worth Lauro pero for 

the St. or 13 leagues hert the earl point of Mondie. Call 

bornheadt and by north of him, and aliae in for pittin, and aliae in forthwist, and him 

ged rocks lying of loofs from the land, whereof the greated 

being like a rower, doth heart felle black, and is called the 

did rockslying out to the northwardes of Monte Lauro , he 

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Hard Rearrights on the large time of some Lauro in the large time of the point of Monte Lauro two ribres cables lengths on the larboard fide off him, and fayle in foaven or found of Monsie, fouthwest and by fouth from the longst by them, untill that the hee come past the second point, Munck, at least two or three cables lengths long but the inner-leaving the funcken rock (which lyeth in the midft of the most end of it lieth from the Monck fouth and by west. When Sound) on the starboard fide off him: and when the fisher villamen fal with the land of Monfie, it is all double land, about the ge which stands to the northwards of Monte Lauro, commeth Cape de Finisterre lieth a high white sand, lying in within the to stand altogeather bare, then he is within the suncken rock which lieth in the midli off the Sound fouth and by east easter-

When you come by the fecond point, you must runne in about it within a cables length, and edge up to the northwards, He that is bound in for Monfie, comming from Cilarga, untill you come before the village, or up to the westwards bemust goe in close alongst by the C. de Bylem, or Bellem: this fore the towne, where you please, and anckor there in 12 or

upon these markes, 'untill you be past the Church, then you many off rockes, lying off from the northland, allmost unto shall see a row of rockes, run in behinde or within them, and a great rock, or Yland, called Salure: betwirt these rockes anckorthere before the village of Monfie in 5, 6, or 7 fathom. that lye out there, and the Yland Salure, you may well run When you faile thus from the cape de Bylem to Monfie, then through about to the Northwards off the Yland but is very when you muc that from the cape as nyiell to Bronne, then through about to the Politikans of the Fland Set is very the rocks (which lye in the middeft before the Flaven) remailing narrow, by reason of the aforesaid rockes, which lye off from ne about an English mile to feawards on the welt fide of you. the north land, therefore fayle about to the fouthwards off The welter For to faile in at the welter channell, you mult go in E.S.E. the fame Yland, indifferent clote along t by it; leaving it on of indifferent nearealongst by the land, and when the foresayd the larboard side, or to seawardes off you untill that you see faile towards the Rockes, which lye before Monsie, as is befort the channell, unto that Yland Roxo, which you shall see lye refaid, and anckor within the rockes in 7 or 8 fathom, but runin the middoft off the Haven, when you come neere it, you

where is good ancker ground.

ken rock, John Claciz. Bors of Sardam, did fail upon it, and the rocks it is 20, and 25, and 26, fathom deepe. From the

the Hand Blydones, the course is fouthfouthealt foure leagues, much , when the sea is grown where of also men must take ela betwixt them both lieth and Yland called Monte Carbela; heed. within it, it is three fathom deepe. Right before the haven of When you come from the fourthwards, or out of the fea, and Forto fail within it lieth the towne, thwart off the flat tower men may inorthwards of the rifle, the north end, or the outermost point anckor in \$ or 9 fathom: This haven is at fome places foure of that rifle at the fouth point, and the point Bayone where fathom deepe.

betwixt each is a faddle or valley.

high hommocks, and the westermost two with valleys betwixt of the northermust riffe. the hommocks; a little to the caltwards of the eaftermost hill The outer rocks of that northermost risse, (which shooteth men shall see a white Abbey stand against the high land, where- off from the two foresaid little Ylands) and the rise, which by this land is very good to be knowne.

or 12 fathom on the east fide of the Ylands.

fore Cannas in twelve or thirthcene fathome.

anckoror cables

5 or 6 fathom, they may fee the Ylands of Blydones through vereth, it lieth a fmall cables length of from a little point in betwixt the foresaid point of Vigo, and that little lland.

little lland or rock, betwixt them both it is fowle, fo that men refull of it , especially when you runne over towardes the cannot fayle through betwixt them, and from that westermost fourhfouthcast. little lland little a forwleriffe or ledge of rockes, forthweft off B. But hee that is bound into Vigo or Cannas to the fouthwar-towards the point of the land of Bayone, where of men must des of the llands, shall faile in betwire that fouthermost lland

northweft and borntweft and by welt and stonglithmide afunder, Vigo, and anekorthere either before Cannas or Vigo, where therefore he that commeth from then orthwards, and will goe hee pleafeth in ten or twelve fathom. into Bayone to the weltwards off that riffe, that is betwist the riffe and the llands let hem goe fo long to the fouthwards, anrun farre enough alongst to the fouthwards of it.

may anckor under the foutb-land, there are two Sand-bayes, with a deale of small rockes round about it, men may faile yery close, alongst by them, but at high water the outermosts About two leagues fouthwest from Rio Roxo lieth a func-rocks lye under water, where of men must be mindfull, close by there loft his flippe the 200f Pebruary 1613 in the night.
From Rio Roxo, or the lland Salure, unto Ponte Vedra, or lands, runneth off a ledge of rocks, whereupon it breaketh very

Ponte Vedra lieth the Iland Blydones which men may faile will faile in for Bayone, about the fouthwards of the Ylands the fouthround about. On the north fide it is not deeper then five or with a foutherly or fouthweft winde, then run right with the wards of fixe fathom. There lye also within the Sound, on the north fide fouth point of the outermost land of Bayone, untill you come Bei llander. two rockes called the Boos or Oxen. On the fouth fide off neere about a halfe league of the land, and them alongst by the Elydones is the right fareway for to faile into Ponte Vedra, shore, unto the outher point on the fourth side of the comming this haven lieth in northeaft untill within the Hand; formewhat into the bay, where that foresaid riffe runnet of, which lieth furter in the midft off the haven lieth also another little lland, of low, give that I fe a birth, and runneth in betwiet it and the which you multalfo goe the fouthwards off, therefore goe in forefail rockes at the fouthend of the Ylands, northeaft, or eathortheaft alongft by the fouth-land, until that you fee the eathortheaft in , according as you shall come in out of the fea, flat tower which standers upon the fouth-land, and then you leaving the rise on starboard, and the rockes with the I lands must run over a banck, right on with the point of Ponte Vedra, on the larboard side untill that you come to the end, or to the

the Caffle flandeth upon, Iye nearest east and by north.

Kive leagues to the fouthwards of the Ilands of Blydones Iye the Ylands of Bayone, when men come in out of the sea, you have the foresaid riffe (on the south side) upon your broad Type that them, the fell lands doe feeme to be all gray and fide, or els are to the northwardes of it, and that the Caltle black rockes, and lye to fee to, as if they were three llands, all though that the fea doe mu through them, but at one place, between the feed to be all gray and fine the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed to be all the feed of fouthwest from the little Hands at the point of Vigo) on the Within the land adongst over these Ilands, men shall see two larboard side of you. If you bring the point off the Castle, not high hills very good to be known, the eaftermost hath three to the southwardes of E. S. B. then you cannot take any hurt

shooteth of from the fouth point of the land of Bayone, where You may faile within these Ilands of Bayona either to the men must sayle through betwixt, Iye on from the other southnorthwards or to the fouthwards, but at the northeast point of west, and southwest and by fouth, and northeast and northeast the Ilands lieth a rocke under water, about a cables length off and by north about an English mile afunder. When you come from them, where of you must take need, and anckor in 10, 11, neere the Castle, then come no very neere theshore, which is not very cleane, and when, as then you come thwarth of the in-Hee that will faile into the northwards, must run in betwixt nermost point of the Castle before that you begin to see the the Ilands and the maine land, keeping neere about the middle Towne off Bayone, from behind the point, you must looke of the channell, but neerest to Hands, untill that the Sound off well out before you: for from that fame innermost point, Virgo, or Caunes bee open, and then faile in to the eaftwards, and from the Caftle, there lieth of a funcken rock about halfe there is a broad Sound, where men may anckor on both fides, a cables length from the forefaid point, whereupon remaineth to wit, on the fouthfide before Vigo, and on the north fide be- at low water no more then nine or ten foot water, keepe therefore (thwart of it) fomewhat of from the point. When as you Also men may sayle further in about the south poynt off begin to see the towne of Bayone, then luffcup suddenly south Rondella, where men may fave a shippe in the oaze, without and sayle before the Towne, and anckor there in five or fixe fathom, where you please, or els that the point of the Castle At the point of Vigo lieth a little lland, he that commeth come against the westernoll lland of the two which lye off into the northwards of the Ilands, and is bound in for Bayone, from the north point of the Bay, or point of Vigo, there it is may faile through betwixt that little Iland and the point Vigo, good oasse ground that holdeth well, set your anckers when right in with Bayone, to wit, alongst a little to the westwards of you morie, northwest and southeast, the best ancker to the the point, untill hee come before the towne, and anckor there foutheast, from thence over the high land you shall have commonly the hardest windes.

Betwixt that foresaid little lland, and the point of Vigo, it is Iff you must turn to and againe into the bay, then take very Fores of the little lit at high water 4 fathom and a halfe, and at low water 3 fathom and a halfe deepe, men must (fayling through there) give the to far over fouthfoutheast, right before the Towne, foutheast mas from point of Vigo a birth, because of some suncken rocks that Iye and by east, and east southeast from the roade about a musket. the southof from it. When that men lye in the roade before Bayone, in thot, lieth another funcken rock, which at low water is uncothe fourth point of the bay, whereupon standeth a little house, From that same little Iland lieth to the westwards another to see to a farre of like a great green rock, you must be very ca-

take very good heed, wheter you come from the northwards and the point of the land off Bayone, all along ft in the middle and will faile through betwixt that riffe and the Ilands off Ba- of the channel, northeast, or northeast, and by north in , at and will altertanough betweet that rime and the Hains of His-yone, or els come in from the fourthwards, betwirkt he Hains-and the maine, and will goe in for Bayone.

That riffe lyths a low water at many places dry, the outer-moft rockes there of and the point of Bayone, where the Cathle standeth upon, Iye foutheast and foutheast and by east, and middle of the channell) betwixt the northland and the Towne

till that the Calife of Bayone come to be E. S. E. and eaft and being called S. Rego, it is all import off fishion like Monte S. Rego. by fourth from him, and faile then towards it, and then he shall Sauro, but at least once so high againe, this hillies very good mark for to know the places there abouts. Abbout halfe wayes At the fouth end of the Iland of Bayone, lieth a great rock, betwist this hill and Bayone, lyeth an Abbey upon the fi-

This haven is so narrow in the comming in , that you may east longst the haven, whereof you must take heed, a ftone upon the land on both fides, and in that narrow it is 20 fee through betwixt the Iland Sifarga, and the maine land to Church without the point, you may also anckor on the north fouthwards of it.

For to fai- To faile from Feroll to the Groyne, the course is fouth, and A Dillie from Perol to the Groyne, the Court is bloom, and for the Ground Brown of the Coefficial from the Growth and by well 3. Jeagues, when you come neere the well-land, you must give it a blink, at leaf of tome or five Cables lengths alongly the Haven.

Our Ladies Church and the Munck lye one from the other lengths, because it is not very cleane. When you come by the lengths, because it is not very cleane. When you come by the lengths, because it is not very cleane. When you come by the point where the Cattle stands the point where the Cattle stands the point where the Cattle stands the point where the Cattle stands the point where the Cattle stands are point where the Cattle stands are point where the Cattle stands are point when the cape dec. de point where the Cattle stands are point when the cape dec. de point where the Cattle stands are point when the cape dec. de point where the Cattle stands are point when the cape dec. de point where the Cattle stands are point when the cape dec. de point where the Cattle stands are point when the cape dec. de point where the Cattle stands are point when the cape dec. de point where the Cattle stands are point when the cape dec. de point where the Cattle stands are point when the cape dec. de point where the Cattle stands are point when the cape dec. de point where the Cattle stands are point when the cape dec. de point w little lland with a little house upon it, you may faile alongst by it within a balse cables length, and runne about by it, up to the Coriane. westwardes, untill you come before the Fisher village, and anckor there in fixe, feven, or eight fathom.

From Cape de Prior to the Groyne, the course is fouth, and

fouth and by west five leagues.

Easthortheast from the foresaid Hand where the Castle standeth upon, goeth in a Sound fourheaft, five or fixe leagues with- men must take heed. in the land, to Bitanze, where you may anckor on the west fide under a row of rocks, in 10 or 12 fathom, also you may faile fo deepe in, that you can fee no fea.

or the west point of the Groyne (where the tower standeth) a about northnortheast from you. birth of 4 or 5 Cables lengths, as before is faid, which point

The little lland Cifarga, of the Dutchmen called Cefarie, is fowle round about , and lieth from the point of the Grovne, are you thwart of cape de Finisterre, and then the hill Monte due eaft and west distant 7 or 8 leagues, from the haven of Feroll welt and by fouth, from the C. Prior W. S. welt and fouthwest and by west, and from the C. de Ortegall fouthwest, and good to know. fourhweit and by weit 17 or 18 leagues.

From the Yland Cifarga fouth and by west, and S. S. west and then run op the westwardes a great halfe league in, and anckor there in 7, 8, and nine fathom.

From the Yland Cifarga fouthwest and by west, and W. S

land a fand bay.

Also men may see comming about the C. de Finisterre, a ragged hill which runneth alongst fo farre to the fouthwards that men may fee it before the Moores.

point is altogether a ragged high sharpe land of steep rocks, as 13 fathom. before is faid, and when you are by that point, then you must

refaid, and anckor within the rockes in 7 or \$ fathom, but runin the middoft off the Haven, when you come neere it, you

runne then (at before) along it in the middeft of the channell, ine not to farre in, because there shooteth of a slowld risse as

The eafter channell is beter to come into , then the wefter the ea fathom deepe. When you are in the havens mouth, you may channell, faile not into Monlie before that you fee the forefaid Monlie fide of the haven in five, fix, or 7 fathom. To the fouthwards of the village of Monfie is a Bay where

From cape de Coriane it is fouth and north three leagues to cape de Finisterre: Betwixt the two capes is a Sand-bay wheremen may anckor to the eastwards of a great rock in fix or feven fathom. This is a great Bay which goeth in far into the land. At then fide of this Bay lye rocks under water, whereoff

About a league to the eaftwards of cape de Finisterre on the fourth fide, lieth the Haven of Seche or Corcovia, and is called seed o deepein, that you can fee no fea.

To the northwards of that Sound, over against the point of Groupe, literal following the point of Groupe, literal following the passenger Sound and the Bayons. the Groyne, lieth allo another haven or Sould, Galed former is the tropy in the protein the best of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control alongft to the fouthwardes of them: men may also faile there of the haven lieth a great Rocke, and about fouthfouthwest of fo deepe in, that they can fee no fea. A good wayes within lieth from that Rock, almost in the middest of the haven, lieth a funcken rocke under water: But run in n. untill you espye the a great unage over the fiver.

He had commet him the well off from the Yland CifarHe had commet him the well off from the Yland CifarHe and is bound into the Groyne mult give the north point
Within upon the River leth also a Village, or little Towne,

From Cape de Finisterre to the Haven off Moores , the Moore is rocky and fowle farrefrom the flore, & run the neathout-cit, and fortherid about by the point, and afterwardes S.E. unto the little Hand with the Caftle and about by it as is before neth fo farre to the fourthwards, that you may fee it also before Mores, that is good mark for to know the lead by thereobouts.

When the forefayd ragged hill is northeast from you, then

Southeast three little leagues from the cape de Finisterre, lierly a rane of rockes under water, and east foutheast about two in along they the well florer , when they are between the two and they from Monte Lauro welf and by other. All otherely called they must goe in a mind the channell, unto the point, deale of rocks to the fourthwards of this Sound of Moores, and right in the midft of the Sound lieth alfo a funcken rock about loutheatt of from Monte Lauro.

He that will faile into Moores , he must bring Monte Lauro Forto arount me a mun courigu outoneut amony wert, and w. s. s. case coat wan ame mo accores, ne mun toring stone Laurio force & Calorio force & Cal must leave them as also the point of Monte Lauro two or three There lieth also a great rane of rockes right before the Haven or found of Monlie, fourthwest and by fourth from the longth by them, untill that the hee come past the second point, Munck, at least two or three cables lengths long but the inner-leaving the funcken rock (which lyeth in the midft of the most end of it lieth from the Monck fouth and by west. When Sound) on the starboard side off him: and when the fisher villamen fal with the land of Monssie, it is all double land, about the | ge which stands to the northwards of Monte Lauro, commeth Cape de Finisterre lieth a high white sand, lying in within the to stand altogeather bare, then he is within the sunchen rock which lieth in the midft off the Sound fouth and by east easterley from the east end of the foresaid Fisher village. When you come by the fecond point , you must runne in a-

bout it within a cables length, and edge up to the northwards, He that is bound in for Monfie, comming from Cilarga, untill you come before the village, or up to the westwards bemust goe in close alongst by the C. de Bylem, or Bellem: this fore the towne, where you please, and anckor there in 12 or

If you will faile into Rio Roxo, then run about without the Forte Detrot is 1840, and when you are by mar point, then you must keep the Cape de Coriane a fhips length without the Cape de Kore, fo long untill that the Church of S Maria come without the point of Monfie; run then in at the cafter channell S. S. E. Haven of Rio Roife, or Roxe, then you find fee a great and the cape of the corrections of the correction of the cape of the correction of the cape of the correction of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of the cape of upon these markes, 'uutil you be past the Church, then you many off rockes, lying off from the northland, allmost unto shall see a row of rockes, mu in behinde or within them, and a great rock, or Yland, called Salure: betwirt these rockes anckor there before the village of Monsie in 5, 6, or 7 fathom. that lye out there, and the Yland Salure, you may well run anckor there before the villagoe of Monfie in 5, 6, 0, 7 fathom. The When you faile thus from the cape del pleint of Monfie, the through about to the Northwards off the Yland business very measurement of the pleint of Monfie, the Harven) remains the rocks (which this the tot forwards out the Welf field of you may be the through about to the Northwards off the Yland business very meabout an English of the General Committee of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the Aller of the A faile towards the Rockes, which lye before Monfie, as is beformay anckor under the fouth-land, there are two Sand bayes, with a deale of small rockes round about it, men may faile yewhere is good ancker ground.

ken rock, John Claefz. Bors of Sardam, did fail upon it, and the rocks it is 20, and 25, and 26, fathorn deepe. From the

poses Ve From Rio Roxo, or the land Salure, unto Ponce Vedra, or lands, runnethot a ledge of rocks, whereupon it breaket next years and light places, the courte is fourthfourheaft foure leagues, much, when the fear is grown where ot all off men mult take within it, it is three fathore deepe. Right before the haven of When you come from the fourthwards, or out of the Reg, and force 64 Ponce Vedra lieth the Hand Blydones which men may faile will falle in for Bayone, about the fourthwards of the Vlands, incompanies of the Flands and the region of the Companies of the Vlands, incompanies of the Vlands this haven lieth in northeast untill within the Hand, fomewhat into the bay, where that foresaid rifle runner of, which lieth anckor in 8 or 9 fathom: This haven is at some places source of that riffe at the south point, and the point Bayone where fathom deepe.

betwixt each is a faddle or valley.

high hommocks, and the westermost two with valleys betwixt of the northermust riffe. the hommocks; a little to the cashwards of the cashermost hill The outer rocks of that northermost riffe, (which shooteth by this land is very good to be knowne.

and has been northwards or to the fourthwards; but at the northeast point of west, and southwest and by south, and northeast and northeast the Hands lieth a rocke under water, about a cables length off and by north about an English mile as under. When you come or 12 fathom on the east fide of the Ylands.

fore Cannas in twelve or thirtheene fathome.

auckoror cables.

little lland or rock, betwixt them both it is fowle, fo that men refull of it, especially when you runne over towardes the cannot fayle through betwixt them, and from that westermost southfoutheast. little lland lieth a fowleriffe or ledge of rockes, fouthwelf off But hee that is bound into Vigo or Cannas to the fouthwartowards the point of the land of Bayone, where of men must desofthe llands, shall sale in betwirt that fouthermost lland take very good heed, wheteryou come from the northwards and the point of the land off Bayone, all alongft in the middle and will failethrough betwirt that riffe and the Hands off Ba-

therefore he that commeth from the northwards, and will goo hee pleafeth in ten or twelve fathom. into Bayone to the weltwards off that riffe, that is betwixt the A little to the northwards off Camina, lyeth on the coaft run farre enough alongst to the fouthwards of it.

ry close, alongst by them, but at high water the outermosts About two leagues fouthwest from Rio Roxo lieth a func-rocks lye under water, where of men must be mindfull, close by there loft his fhippe the 2 of February 1613 in the night.

From Rio Roxo, or the lland Salure, unto Ponte Vedra, or lands, runneth off a ledge of rocks, whereupon it breaketh very

two rockes called the Boos or Oxen. On the fouth fide off necreabout a halfe league of the land, and them along ft by the Elydones is the right fareway for to faile into Ponte Vedra, fhore, unto the outher point on the fourth fide of the comming this have meet in normeat until within the Hand, Joinewhat into the bay, where that forelaid the runner of , wing the interest the middle of the have lieth also another little Hand, follow, give that the abirth, and anonch in betwitter and the which you must also goet the fourthwards off, therefore goe in forcefail rockes at the fourth end of the Ylands, northealt, or eafthorthealt along they the fourth-land, untill that you see the eafthorthealt in , according as you shall come in our of the sea, flat cover which flandethypon the fourth-land, and then you leaving the riffe on flatboard, and the rockes with the llands mult run over a banck, right on with the point of Ponte Vedra, on the larboard fide untill that you come to the end, or to the within it lieth the towne, thwart off the flat tower men may northwards of the riffe, the north end, or the outermost point

the Caftle standeth upon, Iye nearest east and by north , Five leagues to the fouthwards of the Hands of Blydones and welt and by fouth a little league afunder. When as then lye the Ylands of Bayone, when men come in out of the fea, you have the forefaid riffe (on the fouth fide) upon your broad right with them, then these llands doe seeme to be all gray and side, or els are to the northwardes of it; and that the Castle black rockes, and lye to fee to, as if they were three llands, aldoe fland east, or there abouts from you, goe then right in though that the sea doe run through them, but at one place, with the Castle, leaving that foresaid other riffe (which lieth of fourthwest from the little Ilands at the point of Vigo on the Within the land adongft over these Ilands, men shall see two larboard side of you. If you bring the point off the Castle, not high hills very good to be known, the eaftermost hath three to the fouthwardes of E. S. E. then you can not take any hurt

men shall see a white Abbey stand against the high land, whereshooteth of from the fouth point of the land of Bayone, where Forto file You may faile within these llands of Bayona either to the men must sayle through betwirt, Iye on from the other southfrom them, where of you must take heed, and anckor in 10, 11, neere the Castle, then come no very neere the shore, which is not very cleane, and when, as then you come thwarth of the in-Hee that will faile in to the notthwards, must run in betwist nermost point of the Castle before that you begin to see the the Ilands and the maine land, keeping neere about the middle Towne off Bayone, from behind the point, you must looke of the channell, but neerelt to I lands, untill that the Sound off well out before you: for from that fame innermost point, Virgo, or Cannes bee open, and then faile in to the castwards, and from the Castle, there lieth of a funcken rock about halfe there is a broad Sound, where men may anckor on both fides, a cables length from the forefaid point, whereupon remaineth to wit, on the fouthfide before Vigo, and on the north fide be- at low water no more then nine or ten foot water, keepe therefore (thwart of it) somewhat of from the point. When as you Also men may sayle further in about the south poynt off begin to see the towne of Bayone, then luffeup suddenly south Rondella, where men may fave a shippe in the oaze, without and sayle before the Towne, and anckor there in five or sixe fathom, where you please, or els that the point of the Castle At the point of Vigo lieth a little Iland, he that commeth come against the westermost Iland of the two which lye off in to the northwards of the Hands, and is bound in for Bayone, from the north point of the Bay, or point of Vigo, there it is may faile through betwixt that little Iland and the point Vigo, good oasie ground that holdeth well, set your auckers when right in with Bayone, to wit, alongst a little to the westwards of you morie, northwest and southeast, the best ancker to the the point, until hee come before the towne, and anckor there foutheast, from thence over the high land you shall have commonly the hardest windes.

Betwixt that foresaid little Hand, and the point of Vigo, it is Iff you must turn to and againe into the bay, then take very Forte said at high water 4 fathom and a halfe, and at low water 3 tathom good heed, when you run of from the Caftle, that you run nor from the and a halfe deepe, men muft (fayling through there) give the to far over fouthfoutheaft, right before the Towne, fouthfeaft as from point of Vigo abirth, because of some suncken rocks that Iye and by east, and east southeast from the roade about a musker-the southof from it. When that men lye in the roade before Bayone, in (hot, lieth another funcken rock, which at low water is unco-wards. 5 or 6 fathom, they may fee the Ylands of Blydones through betwirt the forefaid point of Vigo, and that little lland.

the fourth point of the bay, whereupon flamedtha little lland. the fouth point of the bay, whereupon standeth a little house, From that fame little lland lieth to the westwards another to see to a farre of like a great green rock; you must be very ca-

yone, or els come in from the fouthwards , betwirt the llands leaft two great leagues , keeping the norther haven two hip-and the maine, and will goe in for Bayone. and the mane, and wing occursor bayone.

That riff eyeth at low water at many places dry, the outermost rockes there of, and the point of Bayone, where the Caltof Vigo on the Barboardfide off him, and run in Skeeping the le flanderh upon, Iye fouthealt and fouthealt and by east, and middle of the channell) betwist the northland and the Towne northweft and northweft and by west and English mile assumed. Vigo, and anekor there either before Cannas or Vigo, where

riffe and the llands let hem goe fo long to the fouthwards, un- a high freep hill, above in the top with a clift or faddle, till that the Castle of Bayone come to be E. S. E. and east and being called S. Rego, it is all most off fashion like Monte S. Rego by fouth from him, and faile then towards it, and then he shall Sauro, but at least once so high againe, this hillies a very good an farre enough alongft to the fourthwards of it.

At the fouth end of the Iland of Bayone, lieth a great rock, betwirt this hill and Bayone, Jyeth an Abbey upon the fi-

markes are the two forefayd high Hilles within Bayone, the funcken rock, which lyeth without in the rivers mouth, fomewith the Ilands.

water, for to fayle in or out. Within in the haven, on the north foot under water. Being a little path the rock with the croile, north land, and fo must run in right with them.

In this haven mouth is at halfe flood two fathom water.

or riffe, whereof men must take good heed. Seven leagues to the fouthwards of Camina lyeth Viana and downe with an ordinary tyde. upon ariver. From the north poynt lyeth off a ledge off rockes On the fouth fide of the river goeth in alfo a Land-deep to

fhore, stand two Fiere-towers. If you will fayle in to the river the rivers mouth, where the Pilots formetimes bring shipps in off Viana, comming from the northwards, or out of the fea, and our, that is a good channell, and oftentimes it is ealit to athen run fo long to the fouthwards untill that the two forelayd gaine of the fea, fo that there is no certainty to be Written of Fire Towers upon the fouth fide of the rivers mouth , come it that men fhowld truft upon. one to the other, and then run in right with them towards the ftrand untill that the little Tower upon the north-land come then to the rock with the maft, and fayle alongft clofe to the eaftward of it, and then you run in alongft over the larrer or the howdeft of the rivers mouth, there is at low water with an ordinary tyde two fathom depth. When you are path the forefaid is the causelt injure on the large and the forefaid place a ordinary tyde two fathom depth. When you are path the forefaid is consistent or the forefaid in the catally injure on the large along the transparent of the control of the control of the control of the forefaid is control of the forefaid in the catally injure on the large along the mean along the with a maft or beacon, which lyeth on the north fide of the ordinary the forefaid is control of the forefaid in the catally injure on the large along the mean along the forefaid in a catally injure on the large along the mean along the forefaid in a catally injure on the large along the mean along the forefaid in a catally injure on the large along the forefaid in a catally injure on the large along the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control o over the two houses, keep them one to the other, and runne river: run in likewise close alongst to the southwards of it, and afterwards indifferent close alongst by the north-land, untill you come before the Town, there runneth of fometimes a little riffe which you must give a birth to, and anckor before the town. When you lye before the towne, there lyeth a little lland to the fouthwards of you, where upon standeth a little Chappell: to the westwards of that little Iland lyeth a great Banke, which at low water is uncovered, behind that banck it is five and fixe fathom, and before Viana feven, eight, and nine fathom deepe; when you come in, they may run in about to the fouthwards of this forefayd Banck, and come out again before the town, by the little Hand, where the little house standeth upon.

When you come in about a bow shot within the second rock with the maft, there you may well let fall your anckor and bring Cables on the fouth shore, and morre there by foute

Men may anckor without in the road in 12 fathom, there is the cleanest ground for to take in a Pilot. It is narrow and dangerous barre for to come into.

From Viana to Port a Port, the course is south & by east 12 villa del Conde.

or 13 leagues, betwixt both lyeth Filla del Conde; feven leagues from Viana and from Metelyn. Villa del Conde is a broad haven, before the havens mouth lye many rockes, where men may fayle in about them on both fides, to the northwardes orto the fouthwards of them it is five and fixe fathom deepe, further in lyeth a banck thwart over the haven of two fathom at high in lyeth a banck thwart over the haven of two lathom at high from cape de similares on the unlings found. The property within in the haven it is 3 or 4 fathom deepe, on the property within in the haven it is 3 or 4 fathom deepe, on the property within in the haven it is 3 or 4 fathom deepe, on the property within in the haven it is 3 or 4 fathom deepe, on the property within in the haven it is all full off rocks, which lye most under water, but on the fourth fide it is deepelt and furelt, and good lying in the fourth fide it is deepelt and furelt, and good lying in the fourth fide it is deepelt and furelt, and good lying in the fourth fide it is deepelt and furelt, and good lying in the fourth fide it is deepelt and furelt, and good lying in the fourth fide it is deepelt and furelt.

From and fixe fathom.

Four leagues to the fouthwardes of Villa del Conde lye from caped Findherte to the lie Tercera well fouth well and yell ready and four the great rocks, called Lefons, right before a little broad here to two fathom depth, called Metrelyn and fouthwelf from the fourth well point of redaind n, and by well and specific from the fourth well point of redaind n, and by well and specific from the fourth well point of redaind n, and by well and specific from the fourth well point of redaind n, and by well and specific from the fourth well point of redaind n, and by well and specific from the fourth well point of redaind n, and by well and specific from the fourth well point of redaind n, and by well and specific from the fourth well point of redaind n, and by well and specific from the fourth well point of redaind n, and by well and specific from the fourth well point of redaind n, and by well and specific from the fourth well point of redaind n, and by well and specific from the fourth well point of redaind n, and by well and specific from the fourth well point of redaind n, and by well and specific from the fourth well point of redaind n, and by well and specific from the fourth well point of redaind n, and by well and specific from the fourth well point of redaind n, and by well and specific from the fourth well point of redaind n, and by well and specific from the fourth well point of redaind n, and by well and specific from the fourth well point of redaind n, and by well and specific from the fourth well point of redaind n, and by well and specific from the fourth well point of redaind n, and by well and specific from the fourth well point of redaind n, and by well and specific from the fourth well point of redaind n, and by well and specific from the fourth well point of redaind n, and by well and specific from the fourth well point of redaind n, and by well and specific from the fourth well point of redaind n, and by well and specific from the fourth well point of redaind n, and by well and naven of two tamous depth, cancer accretizing and sometimes from the found popur of the foreign drockes. Eclous about a halfe league to feavards, lyeth a funcken rock under water: before caped a finiterer to Wareford, or the southead popur of training the land and the Lelons it is 6 and feven fathorn deep.

A league to the fourthwards of the rockes LeCous Lyeth for the land of the caped and the lecture of the southead popur of training the land and the land and the land the l

Port a Port. From the north poynt of the rivers mouth lye off many rockes, all most thwart over the channell. For to fayle in there, you must run in close along the the fourthwardes, room cape de finishers to Bell-lie n. 6, from Area to the Bushings f. w. from Engole to the Bushings f. w. of the outermost rock, even so neere by it, that you may cast with a ftone upon it. There ftandeth a little Chappell upon the with a mone upon it. I here it anoth a little Chappell upon the north shore right against the rock with the crosse, and also a little white house upon the north shore somewhat further up the capade Finishers lytchin upon the river, bring them one in the other, and run in fo right Bayone lyeth in with them untill you bee past the Castle. In seyling in so, you

de of the land, that is also a good marke for to know Bayone (hall not finde leffe upon the flow ldeft of the Barre, then 17 for him that commets from the fourthwardes, but the chiefelt or 18 foot water at halfe floot, and fluil not come to neere a one with two, the other with three hommocks, when that what never the fouth flore then the north, whereupon there with the three valleys or faddles is e. f. e. from you run in then femaineth at low water no more than 11 or 12 foote water. right with it, you hall not faile to fall with the land, right Being within the Caffle, see then right towards the rock Five leagues to the fouthwards of the llands of Bayone, you may reach it with a bear hook, or cls you must run in lyeth the haven of Camina, a broad haven, where you muft go three or 4 hippes lengths to the fouthwards off it, or alonght in (with great hipsia t the heighest water. In the havens mouth, by the fouth-land, untill you bee past the rock with the crofwhich lyeth in northcaft and by east, lyeth a rock neerest the se, for to avoyd a suncken rock, which lyeth thwart of it a little fourthfide close to the northwards of this rock; is the deepelt to the fourthwards of it; and at low water is no more then eight fide, byeth a little land, and upon it flandeth a little Tower, go then up along fi in the middle of the channel, until you coyou must keep that over the Tower which standeth upon the methwart of a great white Tower upon the north-land, there you may anckor in 4 or 5 fathom, or fayle before the Towne, here it is 3 & 4 fathom deepe. A little past the rock with the At the north fide of the haven it is altogether flowld water, croffe is a flowld, where upon remainethat low water no more and very rocky ond fowle: thereshooteth off a ledge of rocks, then 11 foot water, to that with shippes that draw 12 footewa-

thwart over before the mouth of the river, and upon the fourth the fourthwards of the forefayd funcken rock, wich lyeth in

## Of the tydes and courses of the streames.

On these coastes, as on the former, as southwest and northeast moone ma-

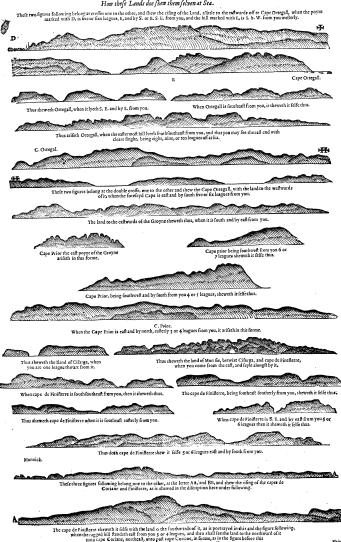
| 6 3-9       | inas to Avilles f. f.v                     | v.     |            | /        | -     |      | agues |  |
|-------------|--------------------------------------------|--------|------------|----------|-------|------|-------|--|
| rom C. de i | to Ribadeus w. f. w                        |        |            | -        | -     | 6 le | agues |  |
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| rom G. de l | inas to Kibadeus 10                        |        | d by north | wellerly |       |      | agues |  |
| rom Cape d  | e Pinas to Ortegall                        | wen an | u by north | wencery  |       | -,   | -Б-   |  |
|             |                                            |        |            |          |       |      |       |  |

## Hou these landes doe lye one from the other, and from other lands.

| From Cape Ortegall to Siverus fouthwest. 5 leagues                                                       |
|----------------------------------------------------------------------------------------------------------|
|                                                                                                          |
| From Cape de Prior to Feroll fouth and by eath 3 leagues                                                 |
| From Feroll to the Groyne fouth, and fouth and by welt,                                                  |
|                                                                                                          |
| From the Groyne to Cifarga and by well, and fouthfouthwest a leagues                                     |
| From Cifarga to Queves, fouth and by well, and fouthfouthwell a leagues                                  |
| From Cifarga to cape de Bylem, or the east poynt on monty southwest language                             |
|                                                                                                          |
|                                                                                                          |
|                                                                                                          |
|                                                                                                          |
|                                                                                                          |
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|                                                                                                          |
|                                                                                                          |
|                                                                                                          |
| From cape de Orteganto a Rein north 160 leagues                                                          |
|                                                                                                          |
| Prom cifarga to Silly north and by eaft  137 leagues  From cifarga to Silly north and by eaft  5 leagues |
|                                                                                                          |
| From Rio Roxo to ponto Vedra f. f. w. 4 leagues                                                          |
| From Ponte Vedra, or Blydones, to the Hands on Bayone 1.1. c. 5 leagues                                  |
| From Bayone to camina fouth and east                                                                     |
|                                                                                                          |
|                                                                                                          |
| room cann de Einiflerre to port a port f. P c. 44 leagues                                                |
| norm cane de Einillerre to Avero louth and by eatt                                                       |
| From Cape II rimillares to the Burlings fouth 67 leagues                                                 |

122 leagues 49 leagues

Heights. degrees 4 minuten 43 degrees 8 minuten 43 degrees 4: degrees to minut. How How these Lands doe shew them selven at Sea.

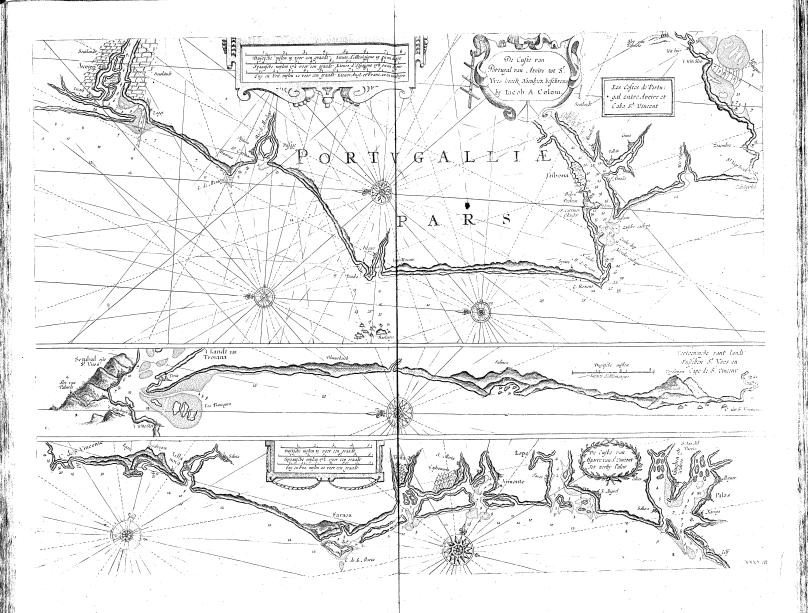


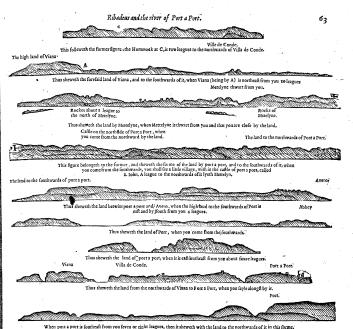
This followeth the former, and lyeth from the cape of foutheast and by fouth. Thus sheweth the cape de Finisserre, when the ragged hill lieth eastnortheast easterly from you, and then the land of Moores lyeth from you eastnortheast, as is here following demonstrated. Thus sheweth the ragged hill of the cape de Finisterre, when it lieth east and by north from you. When the cape de Finisterre lieth northeast from you, and the land of Moores eastnortheast sixe leagues from you, then lieth the cape in three parts, and the land of Moores thus. When the ragged hill betwirt the cape de Finisterre and Moores lieth east and by north from you fix leagues of, then it sheweth thus. When the high land of Moores is northeast and by north from you about 6 leagues , then it rifeth in this forme. The high land of Moores. Monte Lauro, When cahe de Finesterres is northeast or northnortheast, and Moste Lauro is eastnortheast five leagues from you the high land of moores showeth it selfethus. Iland of Bayone. Thus show themselves the Ilands of Bayone, and the high land to the southwards of them, when the forefaid Ilands are cassfourheast, a league or two from you. S. Regor When the point of Bayone is eaftnortheaft, and the high land is eaft from you, then it rifet thus, to the fouthwards of it lieth the high Hill of S. Rego. When the high Hill S. Rego is east from you, then the high land of Bayone sheweth it felfe thus. The Abbey standeth about halfe wayes betwixt S. Rego and Bayone. Thus sheweth the coast of Poltingall from Bayone to cape montego, when you faile alongst by it, about four leagues of, the figure following belongeth hereto, at the crosses one to the other. Cape de montego. When that black Hommock where the hand flandeth by, is califoutheast from you, then are you thware of, or open before Avero. The high land of Viana Thus sheweth the land of Viana, and to the fouthwards of it the Hommock by B is a leagues to the

> The land by Viana, and to the fouthwards of it towards Villade conde, sheweth as is portrayed in this and the figure following, by V; is the rivers mouth of Viana.

northwards of Villa de Conde.

The high land of Viana.





## The fourth demonstration,

In which the coaftes from Port a Port to Palos are deciphered.

every where in ten or twelve fathom.

you are open before Avero: when you cannot fee the black hommock Cormole, then lieth there a rough fand hill to the

The River of Port a Port men may know by the rocks Lenorthwards of the Barre, when that is thwart of you, then are fons, they are very high, and lye a little to the northwardes of you a halfe league to the northwards of the Bar of Avero.

If you will faile in over the Barre of Avero, and that you come before it fixe or feven fathom, then take heed to three land are high mountains. The Cape is fomtimes taken to be the definition of middle the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the definition of the d points) fayle alongft by a dry fand on the larboard fide, edge River of Montego, a broad haven. From the Cape de Montethen up northnortheaft, and northwest about by that foresaid go runneth of a rowle ledge of Rocks, a good wayes from the dry fand, untill you come close to the norther-land, and run in thore, which men must a voyd. Under the Cape men may ride by it, and then you shall leave all other showlds on the starboard for northerly winds in 7 or 8 fathom, a northforthwest wind by trained then you man treat you man the research and the research and then you man then you man the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the research and the resear till you come before the Saltponds or Avero, where you may it fleweth as if you might faile into the fourhwards off that lade your ship with falt.

Rom Port a Port to Avero, the course is south, ten lea-gues: betwirst them both it is all alongs a cleane sand-knowne, by the forefaid hill of S. Rego, which is exceeding strand, where men may behold to come neere the shows high, and lieth on the fast side: the high land of Viana, is the two or three double within it.

Within the land upon the high land lieth a black hom-mock in the land, when that lieth eaftfoutheaft from you, then fee alongft the coaft many towers and littele houses, Villa dell

the River.

The Cape de Montego is a high point, and within it in the

riffe, but it is not to be done: you must fayle into the north-

were sure to Spentine outern point another a runge of the runge, the sure runge of the runge, and a fulle to the northwards of it a lifter village, the runge, the runge, for time roand againe out are fulled Buarcos. Upon the north fide within the havensmouth a full of come nor with calmes in this channell, feether bound flandeth alime kill, with a wood off Fig. trees, when you inwards nor outwards) with an ebbe, for it falleth very flrong mandeth a nine kiii, with a wood on Fig-trees, when you inwards nor outwards) with an ebbe, for it falleth very ftrong bring them oue in the other, and then faile fo right in with them, you tunne in light in the channell, there is formetimes to more then twelve or thirteene foot water at a halfe flood for the forefail litle Tower when it commeth our from under with the great Prefinits that come of the River, and affor with flores our of the fear From 2 page 4 most of the forms our of the fear From 2 page 4 most open to Peniche, or Nova Lifbons, (at the Cabo del Fiftron, which is the point very carefull of your ryde, for the firements all very from 3 most page 4 most page 4 most page 4 most page 4 most page 5 most page 5 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6 most page 6

within the Burlings) the course is southwest and by south ten ver the Cachops, so that it is very dangerous with calmes to coleagues, there lieth of a rock from the point, to the fouth- me in or out at these channels but especially in falling out with wards of it is a great bay, where men may run in behind it with an ebbe, for it fallesh thwart over the Cachops. barks, and Iye landlockt. In that bay lyeth a little town against From Roxent to S. Uves point, the course is foutheast and s. Uves the might and cased Arroyse, a mittee othe foundwates of the la high round hill which lieth on it, also men shall see the top Dutchmen call yong Roxent.

From the cape Montego to the Burlings, the courfe is S. W. of a country house. twelve or thirteen e leagues. Behind the Burlings is a good S. Uves point is called cape de Pitcher, and by the Dutchbroad and wyde, and every where cleane.

Countycum outs and mount infection in account angles. A life (Noting white Cambridge American Education and 1991).

Rock or Rocent is a point of land, a very good to be knowne, there are you right before the havers mouth.

The product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the product of the prod fharpehommock of the Abbey of Syntra.

A great reague to the cattle of Palmelo Uses.

Cafealis. the Rock, lieth the road of Cafealis, where men may lye land-eaft, and eaft and by north on, until that the cattle of Palmelo Uses. lockt for a northwest, north, and northeast winde, in 12 or which standerh above S. Uves, commeth in a valley over the is fathom, fodeep, of Boold as the will. A great league to forefail white: Callie upon the washer fide. Sall free morthor S. Gil- Jians, whereupon flandeth a ftrong caltle, that is the north le thandeth upon the weather fide, and then in along within a point of the River of Lifbone, the norther channell of the cables length by the north land, northeast and by east, un-

River goeth in within a bowles caft alongst by it. and by east; and when you come against the Abbey at Restiers, showld, that they lie allmost above water,

enar the over the west point of Roxent, and keepe it so, until that the white house over the north side of the Castle, that standeth Carrick-litle Tower (which you shall fee stand above the Abbey at Re-on the water-fide, fo that you may fee directly through beto Restiers within the Castle, and anckor there where you run over the bancke: And then that white Castle must be from thinck it best. Upon these markes you may sayle in and out at you N. N. E. northerly. the Carrick deepe. If you come from the westwards, and will

It is from S. Uves point to C. de S. Vincent fouth and fouth salines. end of Roxent, and faile fo about the norther Cachops, untill lines a little river lying halfe wayes, is also unknown. that the town of Lifbone come within two fibips lengths neere to the fourth-fide of the River, and then further in northeaft fourth and by well about 32 leagues, betwixt both lie fome high the point of S. Gillians, then are you in the right fareway.

close along by the northland, as is before aid.

bring the forefayd little tower that flandeth within the land, a Monninckstrand. thips length to the fouthwards, and a thips length to the north- A little about the point of the Cape S. Vincent men may

werds off it. Upon the north point flandeth a little village S. wards of the foresaid Abbey or Cloyster of S. Catherines, &

you may not certainly trult to the defcription of this haven; that high land, bring it then a little to the wellwardes of the you may not certainly trult to the defcription of this haven; that high land, bring it then a little to the wellwardes of the for in regard it is there fand-ground, it doth fluit fometimes focused white Abbey or Cloyfter, and goe away fouthwell and

the high land called Artogie, a little to the fouthwards of the by fouth 10 leagues, that is also a point good to be known, by point of the castle of Sisembre upon a flat hil like a great top or ridge

roade and ancker ground, under the great Hand before the Ermen Cape de Spichel, a little to the fouthwards about the mitage, then you may anckor in ten fathom, you may come in point, is a rent or clift in the land, before it is good riding in there from the northwards or from the fouthwards, it is there 9 and 10 fathom. Before Sifember men may also anckor in 15 or 16 fathom.

From the Burlings to the Rock, or Roxent, these courses Five leagues to the eastwardes of cape Pitcher, or S. Uves Road as rrom the durings to the Sock, or Roxent, intercountes!

For Fragues to the catwards of cape return; of S. Overs Road at Gouth and by eath, and fourthfourheaft fixteen leagues, but from Joint, lich S. Overs, Here licht a great elight before the Ha. 40 x.00, the deep tell Hifteen (behind the Burlings) to the Rock, the vers mouth. Beneath the high land upon the water fide, fl.a., Police. coast lyeth fouth and north fifteene or fixteene leagues. The deth a white Cattle, when that is northnortheast from you,

from C. Pitcher, or S. Uves point; then keepe the west point le A great league to the caltwards of the point of Roxent, or of Sifember a fhips length without the caft point, and goe then the base

till you come before the Towne of S. Uves , or Setuball. For to faile into the norther channell, you must run in al.

But when the Castle off Palmelo commeth under the land, lein at the ongst within the length off a mast alongst by the foresayd that you can not see the same any more, there standeth also a norther ongression the rengerior a man account by the following before the caftle of S. Gillians, you must white house on the north-fide of the Caftle that standeth on channell, poyer, but comming before the caftle of S. Gillians, you must white house on the north-fide of the Caftle that standeth on edge fomewhat over towards the Carrich deepe, for to avoyd the water fide, keepe that then fo ftanding, and run in right fome fewle ground and rocks, which lye on the eaft fide of the with them, untill you come within the white Calle, and goo Caffle. Being palt that little, you may luften pagine to: then in abefore is faid) alongft by the north land, until you wardes the north flore, and faile alongft by it to Refirers, and come before the Towne of Saint Uves, and anckor by the to forth even to Lif bone, men doe commonly anckor before fame Towne, before the Fifther village, in fixe or feven fathom, the Village of Boelynin twelve or thirteen fathom. Men must Upon the Bancke is at halfe flood three fathom and a halfe watake heed not to come into this channell with calme weather, ter, when you faile in overt, you find finds as least fewer diabetheed not to come into this channell with calme weather, ter, when you faile in overt, you find finds as least fewer diabetheed not to come into this channell store of the order terms and with an ebby, which falleth very firming upon the norther very flowlids. There gooth in also a channell along they the Cachops: this channell of S. Gillians lieth in call and by fourth; fourth-land, but that is onely for barkes: betwire the fourther being within, you must faile ut eastnortheaft, and northeaft channell and the right deep lye the banckes at some places so

then you must edge fomewhat over towards the fouth-land, elsyou must keepe the north-land alongst.

For to finde the deepett water in failing out over the banck of S. Uves, with hippes that draw much water, doe thus when elsyou must keepe the north-laid alongft.

of S. Uves, with hippes that draw much water, doe thus: when For to fayle into the Carrick deep, you shall bring Cascalis, you saile out from the white Castle, then bring the forestaid fliers) come over the white Abbey which flandeth the farthest twixt them, and keepe them fo standing, untill S. Uves point from Reliter, to wit, ore S. Catheines Abbey or Cloyfer, beginn come without the earl point or Sifember, then bring goe then northeaft, and northeaft and by north in, keeping the white honde to the fourth-fide of the Cattle, an run fo out, thefe marks flanding thus, untill that you come within the point off S. Gillies, and then goe in along the you than that Cattle of Palmelo, that is a direct along the mark for to

goe in to the Carrick deepe, then bring Cafcalis over the west- and by east 29 leagues betwixt both are no knowne havens, Sa-

and by north, when as then you shall fee the fand-bay within steep hills, which men doe call the Salines, which are very good marks for to know this coast by, But above al serve for to But if it fhould happen, that you could not fee the towne, or knowledge of this coast of Algarve, or of the cape de S. Vinthe litle Tower, then keep the fand-bay (which lieth within a Cent, the Vigebergen, or Mount Chigo, which lye within La-S. Gillians point) northeast and by north from you and faile for gos and may be feen farre of a tea. A halfe league to the north-S. Gillians point) northeast and by north iron you and faile of gos and may be teen tarre or a rea. A name reague to and international and northeast and by worth in, and take the founding of the norther Cachops in eight or nine fathom: when you begin to come against S. Gillians point, faile then indifferent that the possible cape of the cape de S. Vincent. Upon the point to come against S. Gillians point, faile then indifferent that then you are by the cape de S. Vincent. Upon the point that the possible of the cape de S. Vincent. of the cape trandeth a broken Abbey or Cloyfter, and close by He that will turne out or in to the Carrick deepe, must the point lieth a high rock, being called by the Dutch failers

Another fand-bay, there is a good road for a northwell and N. lixor fever fathom.

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Another fand-bay, there is a good road for a northwell and N. lixor fever fathom.

Another fathom.

Another fand-bay, there is a good road for a northwell and N. lixor fever fathom.

Another fatho or Laves, and Villa Nova. From Cape S. Vincent to Lagos, it thom and a halfe, but within it is five fathom deep. of Lares, and 1 may be a supported in a support of the feather through a support of the feather through a support of the feather through a support of the feather through a support of the feather through a support of the feather through a support of the feather through a support of the feather through a support of the feather through a support of the feather through a support of the feather through a support of the feather through a support of the feather through a support of the feather through a support of the feather through a support of the feather through a support of the feather through a support of the feather through a support of the feather through a support of the feather through a support of the feather through a support of the feather through a support of the feather through a support of the feather through a support of the feather through a support of the feather through a support of the feather through a support of the feather through a support of the feather through a support of the feather through a support of through a support of through a support of through a support of through a support of through a support of through a support of through a support of through a support of through a support of through a support of through a support of through a support of through a support of through a support of through a support of through a support of through a support of through a support of through a support of through a support of through a support of through a support of through a support of through a support of through a support of through a support of through a support of through a support of through a support of through a support of through a support of through a support of through a support of through a support of through a support of through a support of through a support of through a support of through a support of through a support of through a support of through a support of through a support of through a support of through a support of through a support of through a support of through a support

betwixt the rockes, behind a strand of chindle, which falleth twixt the sands, then Wolves commeth to the east-side of the dry at low water, men may also ride there for a northwest, havens mouth, and men sayle n. n. w. in, when they are within westnorthwest, and north wind, in 10 or 12 fathom.

Villa Nova lieth about foure leagues to the eastwards off channell is three fathom. Lagos, betwixt both, three leagues from Lagos, and one from For knowledge of the land hereabouts you: shall underheed. Villa Nova is a good haven, it lyeth in north, and north land, clyffy; being reddifth earth or chalke; he that falleth there and by west: at halfe flood you shall have there two fathom with, may thinck that he is by the havens mouth of Saltees, water; within in the haven on the east fide lyeth a little iland upon it stand some little wood of trees, els the land is all or rock, and upon it flandeth a Tower or little house, also the without trees, reddiff sand, therefore called Roduyn, or Red re ftands upon the land a great mast with a barrell upon the fand-hill, top of it: when the little Tower, or little house, and the mast come one in the other, then you must fayle right in with them into the haven, alongst by the east land untill you be past the little Tower, the west side is flat and showld, when that you co-

little Tower, the welf fide is flat and flowld, when that you come by the mait, then you must goe up to the welf-wards before the towne of Villa Nova, there you may anckor in four control five fathom.

From Villa Nova to Faro, or Capede S, Maria, it is about point flootecth of a riffe which men must avoyd, into the lampoint flootecth of a riffe which men must avoyd, into the lampoint flootecth of a riffe which men must avoyd, into the lampoint flootecth of a riffe which men must avoyd, into the lampoint flootecth of a riffe which men must goe in from the flower of Faro men must goe in from the callwards, it lytchwelt, and w. n. w. in, and they must leave the come flower of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of fide, and run in two or three fathom; being within, they may anckor over against the Towne of Faro under the iland in thre fathom, it is upon the barre at halfe floot two fathom deepe.

The Cape S. Maries sheweth it felfe at fea (when you first fee it) in one round hommock, which is a good mark for t know the whole coast of the Candado by.

Fiveleagues northeaft and by eaft from Cape S. Marria of Faro lyeth Tavila, that is a crookedshowld Barre, which all most every yeare doth shift, and is not to trust to for to fay, into it , unlesse it where first beakond , or fet with buyes , it a halfe flood fcarce two fathom deepe, men lye there a litt. within the fand-hills in foure fathom.

From Tavilla to Ayemont, the course is E.N.E. 5 league Ayemont is a deepe Barre, and one of the best havens in the whole Condact, it lyeth in northwest by the eastland, at half flood it is three fathom deepe; there lyeth some showlds be fore the havens, the marckes there off are these. There stan deth a tree upon the east fide of the haven or rivers mouth when Ayemonte commeth right against over the tree, the are you to the eastwards of the showlds or fands, which lye be when you are within, you must goe up to the northwards belong the metric of Lifsons to the lie de Salrages southwest and by South rethe Town, orifyou will goe before Porte Maria, the north-break course in the life with the salrages found with a day South and though the metric of Lifsons to the lie de Salrages southwest and by South and the course of the salrages found that the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the salrages for the

From S. Michiels to Palos, or Saltees, the course is east and east and by fouth 7 leagues, here men sayle into the great Condaet, this haven goeth in at the west end of the Rooduyn, there standeth a graet broad tree to the westwards off that white cliffe, that you must keepe over a red fand-hill, like as if it where red reath; this fandhill goeth floping downe: runne in upon these markes unto the strand, about north and north and by T west, then shall the tower Odier which stands above Wolves, come over the east fide of the havens mouth , keepe them |T

anckor in a fand-bay, for a north and northwelt wind in twenty follanding, and sayle along t by the strand, within two cables fathom.

About the second point, to the eastwardes off the cape, is north to Palos or northwest to Wolves, and anckor there in

the havens mouth, then they must doe as before is fayd. This

Villa Nova, lyeth a funcken rock, where off men must take stand that at the west end of the Rooduyn, lyeth a white steepe

## Of the tydes and sourfes of the Breames.

## Courfes and Distances.

| U. | From Camina to Viana fouthfoutheaft 7 leagues                                          |
|----|----------------------------------------------------------------------------------------|
|    | From Viana to Villa del Conde fourb and by and                                         |
|    |                                                                                        |
| r  |                                                                                        |
| 1- |                                                                                        |
|    |                                                                                        |
| e  | From port 2 port to the Burlings fouthfouthweft and fouthweft and by fouth 29 leagues. |
|    | From Avero to the Burlings fourhwest an leagues                                        |
| c  | From cape de Montego to Peniche, or cape del Fifiren fouthweft and by fouth            |
|    |                                                                                        |
| s. | From cape de Montego to the Burlings fouthwest #3 leagues                              |
|    |                                                                                        |
| c  |                                                                                        |
| e  | From the Burlings to the Rock, or Roxent, fouth and by east, and fouth-                |
| ٠. | From the D 16 leagues                                                                  |
| 1  |                                                                                        |
| 1- |                                                                                        |
|    |                                                                                        |
| ,  | From Roxene to the C. Pitcher, or S. Uves point foutheast and by fouth                 |
|    |                                                                                        |
|    | From each Discharge to a set                                                           |

when you are writin, you muit goe up to the northwards events of the course will be provided by the well and, the northward course will bring you there; within it is wide and broad and fixe or feven fathous deeper.

There goeth in also a haven by the welfland, where me is a simple provided by the course of the course will be provided by the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of From cape S. maria, or Faro, to the Ile de madera fouthwest and by west

### Heights.

93 leagues.

| ort 2 Port lyeth in                                   |                 |        | 41 degrees                          |
|-------------------------------------------------------|-----------------|--------|-------------------------------------|
| vero in<br>ape de montego lyeth in                    |                 | 40 deg | rees 16 minuten<br>grees 8 minuten  |
| he Burlings in                                        | - 28 degr es m  | 20 den | rees 40 minuten<br>ld in 39 degrees |
| ape Pitcher, or S. Uves 1<br>te cape de S. Vincent ar |                 | 25 de  | grees as minue,                     |
| ic cape de 3, vincent 2                               | u s. maria iyem | 1      | 37 degrees<br>How                   |

## How these Lands doe show them solves at sea.

C. Montego

The land to the fouthwards of Montego.

The cape do Montego being northeast from you foure or five leagues with the land to the fourthwards of it show eth it feltess is portrayed in this and the figure following at the letters A. A they belong one to the other.

Thus belongeth to the former, and is the land to the fouthwards of montego, untill thwart of the Burlings.

Thus then show the Burlings when the northermost are east from you a league.

ARMS MORE AND SET PERIODS AND ACTION OF THE MORE AND ACTION OF THE MORE AND ACTION OF THE MORE AND ACTION OF THE MORE AND ACTION OF THE MORE AND ACTION OF THE MORE AND ACTION OF THE MORE AND ACTION OF THE MORE AND ACTION OF THE MORE AND ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTION OF THE MORE ACTI

Burling . 44

This belongeth to the former figure , and is the land to the northwards of the Rock, or Roxent, Roxent.

This followesh to the former figure , untill Roxent, or the rocke, at the BB one to the other. Roxent fouth and by eath.

Yough Roxent northeast and by eath.

Thus showeth the Rock, or Oxent, when it is fourth and by east, and youg Roxent is northeast and by east from you, and that you are close by the land.

When the Rock or Roxent is east and by fouth, and eastfoutheast from you feven leagues, it sheweth it felfe thus.

VVhen the Rock or Roxent is northeast from you seven leagues, it ariseth thus

Reserve.

Calculis.

Calculis fund to the cultwards or to the fourtwards of Rozent cowards Refliers , sheweth it felife as fundeth portrayed in this and the figure following.

S. Gillis: This belongeth to the former.

C: Pitcher.

Thus sheweth the Goalt betwite the River of Lisbone, and S. Uyes point, called C. Pitcher.

Thus showeth \$. Uves point when you come from the northwards,

Thus sheweth the Cape S. Vincent, when it lyeth N. w. 7 leagues from

Thus showeth S. Uves point when it lyeth caft and by north 6 leagues from you

Thus sheweth'S. Uves point when it is northeast and by north foure or five leagues from you.

In this forme arifeth S. Uves point, when it is northnortheast 5 or 6 leagues from you.

Saljaes.

Thus sheweth the land about the G. de S. Vineent, when you come from the northwards, and fayle alongft by it.

Mount Chigo.

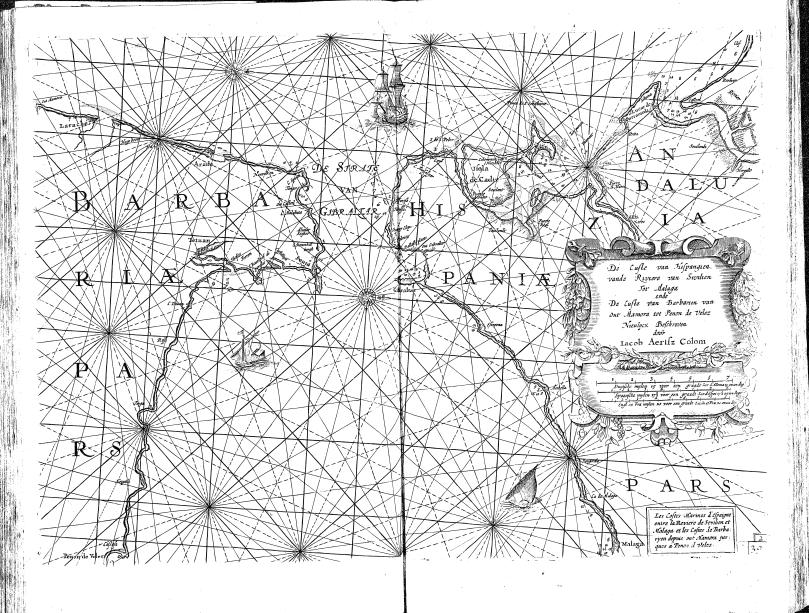
Mount Chigo.

Mount Chigo.

Mount Chigo.

The cape de S. Vincent sheweth thus, when it is north and by eath and northnortheaft from you about 8 leagues. The Vighebergh or Mount Chipe beath then northeaft and by north from you a in forme as is here portrayed.

VVhm the Vigebergers or Mount Chigo is northoutheast and northeast and by north from you [12 or 12 leagues, is sheweth thus; in one long this going downs that at both ends, with another peece of land, much lower to the cultwards of its.



Thus showeth the Vigebergh, or Mount Chigo, when it is with cleare wether N.N.W. from you 11 or 12 leagues Vigebergen, or mount Chigo, White point is the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the This is red land. This followeth the former figure from Albofero to Cape S. Maria. Thus showeth Cape S. Maria when it is northeaft and by eaft from you g or 10 leagues. VVhen the cape S. Maria is northeast and by north from you, it sheweth it selfe thuss

## The fifth demonstration.

In which Are showed the Seacoaffes off Andalufia from Palos untill you are past the Straights by Madril, and the coast off Barbarie lying over against it, and also the cape Spartell on the coast of Barbarie to the ould Mamora.

along the red diaddedlis, is found guild hat you get the towme of St. Lucas in fight about californies from you, the control of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s may all most fee through betwixt then but not over the Cloy-les, and anckor there fo deep as he pleafeth, in 8, 10, 12, or 15 fter, keepe then fo ftanding, and fayle in right with them, and fathom, the fareway lieth most east foutheast and foutheast and for you find not come to neer the rocks to take hurt of them, and you find have upon the flow deleft at low water and earned the rock water and water water, called the Diamant, about Diamant, and water water, called the Diamant, about Diamant, and water water, called the Diamant, about Diamant, and water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water water w When the Caftle of Chipiona and the Church beginne to come one in the other, then you come to the first rocks or should, N. E. from you, then are you thwart of that rocke, there is at they fland fouthfouthwest from you, then you are upon the these. When Mary Church cometh over the northend of Cagaine one through the other, then you get againe deepe water, stands also a house upon the hill, where men goe alongst by, 3 fathom and a halfe, and 4 fathom at low water with a neepe they goe to Sheres, when that house commeth over the chap-3 fauton and a lane; and 4 faction at now water with a face be they goed to sheets, when a lane water faller over the Capital review of the cloylet; pel which flandeth upon the water falle, to the welfwards off and the tree, but take good heed that you bring not the tree Marie port when these markes come together one in the other over the Quive, at the fourth end of the cloyletr, for you then you flowled faller upon the water is upon the flowled then come very close to the rockes, rather bring the showled to fit a high water, 13 statum and a halfe water upon tree a little to the northwards of the cloyster, for you can not it. But set the two high hills which are to the southwards off lightly take hurt of the red fand-hils, but you may borrow off the way of Sheres, that they bee a little afunder, and that they them upon your lead in 3 and 4 fathom. There flande also a doe not come one in the other, then you cannot faile upon this mill to the eaftwards of the towne, take heed that you bring profit allowed to the controlled the controlled that the towne, take heed that you bring profit allower heround Cloyfter that flanderh a litle to the leaftward beneath at the towne, but keep them a handfpikes but halfe a league. He that lies before Cales in the road, harth eaftward beneath at the towne, but keep them a handfpikes but halfe a league. He that lies before Cales in the road, harth leaftwards of the controlled that the towner that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled that the controlled tha in the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the prope and anckor before the little Church with the croffes (which all windes: there men may lay thier ships dry a ground for to good heed, it is not there very broad.

good heed, it is not there very broad.

For to faile

There goeth in alfo a channell by the land of Sipionen or manual through the land of Sipionen or manual through the land of Sipionen or manual through the land of Sipionen or manual through the land of Sipionen or manual through the land of Sipionen or manual through the land of Sipionen or mell, till the come before the Saltheaps.

For to fail from Cales to the Strait, men must goe away S. To faile through the land of Sipionen or manual through the land of Sipionen or mell, till the come before the Saltheaps.

For to fail from Cales to the Strait, men must goe away S. To faile through the land of Sipionen or mell, till the come before the Saltheaps.

For to fail from Cales to the Strait, men must goe away S. To faile the come of the saltheaps.

From Sipionen to Cales Males, the course S. E. 9 leagues. anckor in 12, 13, and 14 fathom clean ground. Care is knowneby the menutatine of Granade, when that is eathorcheaft and caft and by north form you, faile then right continued from the faile in the property of the menutation of Granade, when that is eathorcheaft and caft and by north form you, faile then right committing from Cales, let him goe from the point of its distribution of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property

provided ROM Saltees to the river of S. Lucas, the courfe is [the point off Sipiano lye many rocks above water, and betwice have the land fouther, and by eath betwice and o leag.

He point of Sipiana and Cales. Four elegaes from Sipiana have leaded in the land of a great degoe from Sipiana and Cales. Four elegaes from Sipiana have land to the land of S. Lucas, then faily el [yeth Rotta, therefloweth of a great degoe from the land.]

me one in the other, then you come to the first rocks or mound, when the Church and Cafile are right one over the other, then halfe flood 3 fathom water upon it, the marks of this rock are shouldest of all, but when the Castle with the Church come a- les, (that is a Cloyster which standeth without Cales) there man

then towards the strand of S. Lucas, untill that you fee alroge-man therefore would goe further in behind Puntall, let him ther open into the river, for to avoyd the riffe that shooteth of goe in S. E. betwirt the point of Port Real and Puntal, and from the N.W. point of the river, faile on alongst by the shore, run up about the point of Puntall, there men lycland-lock for frands below in the Sand-hills) in 5, 6, or 10, or 12 fathom, make clean. He that will goe into the Creke, must take a Pilot, fo neere as you please. Men may also turn out at this same and run up into the water of Port real leaving the little Hand channell with in different ships or barcks, but they must take on the larboard fide, and then Herods Creeck shall upon it felfe, and there hee must faile up, keeping the middle of the chan-

fector of flowld, then you must edge formwhat of from the laad, run far enough without the banck or rocks which lye of fourth-serain, untill you come upon the forefaid marks of the Cloyfter and east from Cales. From the point of S. Sebastian to C. de Trathe great tree, then you must run in alongst upon them, as is be falgar, which is the northpoint of de Strait on the west side it is fore taught. The river of S. Lucas is good for to know, by the S.S. eath, to leagues. About two leagues to the northwards of Rooduyn, or red fand-hills which lieth to the westwards of it. the Cape, lieth Couil, there is a faire fand-bay, where men may

fouth and by eaft, and fouthfoutheaft, towards the cape de Tra-falgar, untill he be a good wayes without the land for to avoyed he Spanific could which is fowle there lieth off welt and by fouth from the itand Tariffe, a banck of flones a leagues, or worth from the itand Tariffe, a banck of flones a leagues, or

to the eathwards off anger transeth and and old runnous that coart watch-tower, whereby Tanger is very good to be knowned. From Tanger to Ape-hill, the coaff lieth moft eafthortheaft, from Tanger to Ape-hill, the coaff lieth moft eafthortheaft, from Tanger to Ape-hill, the coaff lieth moft eafthortheaft, from Tanger to Ape-hill, the coaff lieth moft eafthortheaft, from Tanger to Ape-hill, the coaff lieth moft eafthortheaft, from Tanger to Ape-hill, the coaff lieth moft eafthortheaft, from Tanger to Ape-hill, the coaff lieth moft eafthortheaft, from Tanger to Ape-hill, the coaff lieth moft eafthortheaft, from Tanger to Ape-hill, the coaff lieth moft eafthortheaft, from Tanger to Ape-hill, the coaff lieth moft eafthortheaft, from Tanger to Ape-hill, the coaff lieth moft eafthortheaft, from Tanger to Ape-hill, the coaff lieth moft eafthortheaft, from Tanger to Ape-hill, the coaff lieth moft eafthortheaft, from Tanger to Ape-hill, the coaff lieth moft eafthortheaft, from Tanger to Ape-hill, the coaff lieth moft eafthortheaft, from Tanger to Ape-hill, the coaff lieth moft eafthortheaft, from Tanger to Ape-hill, the coaff lieth moft eafthortheaft, from Tanger to Ape-hill, the coaff lieth moft eafthortheaft, from Tanger to Ape-hill, the coaff lieth moft eafthortheaft, from Tanger to Ape-hill, the coaff lieth moft eafthortheaft, from Tanger to Ape-hill, the coaff lieth moft eafthortheaft, from Tanger to Ape-hill, the coaff lieth moft eafthortheaft, from Tanger to Ape-hill, the coaff lieth moft eafthortheaft, from Tanger to Ape-hill, the coaff lieth moft eafthortheaft, from Tanger to Ape-hill, the coaff lieth moft eafthortheaft, from Tanger to Ape-hill, the coaff lieth moft eafthortheaft, from Tanger to Ape-hill, the coaff lieth moft eafthortheaft, from Tanger to Ape-hill, the coaff lieth moft eafthortheaft, from Tanger to Ape-hill, the coaff lieth moft eafthortheaft, from Tanger to Ape-hill, the coaff lieth moft eafthortheaft, from Tanger to Ape-hill eafthortheaft, from Tanger to Ape-hill, from Tanger to Ape-hill eafth to the eaftwards off Tanger ftandeth alfo and old ruinous that coaft. and e.k. by north, that is the right courfe for to fayle through look out for two Pack-houses with stand upon the strand and the Strait. If you will fail into the Strait by night, then keepe a great efquare watch tower close to the eaftwardes of the foreto the Barbary coalt, which is very cleane, and there you can faid Pack-houses: bring the gate of the towne fo, that you may take no hurt; but the Spanish coast is fowle, as is before layd. fee through betwirt the Pack-houses and the watchtower, and They that will faile along thy the Spanish coast, they must anchor there in nine or ten fathom. Right before Marveles; the goe close alongst by the shore, and runne through betwirt the ground is not cleane. About a shot off a Cast prece to the west-Hand Tariffe and the foresayd fowle grounds, close alongst by wards off the town, men may fetch fresh water.

unto both lands it is Best.

Direct reagues to the entitlement of the great Bay of Gi welf fouthwelf wind.

point of Cabrita, being the welf point of the great Bay of Gi welf fouthwelf wind.

From Pangerola to C. de Mol, the welf point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de Mol point of Mallaga, c. de M it, is a good road for a northeaft wind, in 12, 10 and 8 fathom, the course is forth n.e. two great leagues: but from the w.point not far from the libre, thwart of a great rock, which neth close of Mallaga to the town of Molling, the couries in . c. and n. e. upon the water fide, a little to the callwards of the fire-tower: and by c. 4 leag. it is the between them both a faire firead when the well-wards of that firetower which thanderth upon re men may anckor all along thin 100 r 12 fairbon. the forefaid point, is a fair fanditrand, betwist the two towers there you shall lye smoot for the western grown sea.

that innermost point of the hill of Gibralter, doe stand east which was wont to be the right road, is now altogether spoyled from you, thereabouts it is deepe; or 6 fathom, and clean by cafting off Ballaft. lie there in the bay landlockt for a w.wind, af. windecommeth from the poynt of Gibaltar hill, but a f. w. wind that bloweth the head com to lye from you north and by eat, there is very ground: towards the mill it is showlder water of 3 fathom. Men there open in. From thence are brought good wines.

were open in. From thence are brought good winds.

When you will fet fayle from the road of Gibralter with an out off danger for the Mores.

Velez Mallaga lieth from Mallaga eaft and by north diffant. eafterly wind, it is good to beare up fomewhat before the wind margues, from over the right and or character, to be high land. 12 fathom. By the next Tower, to wit, the next to the little hardly able to get out off the Bay alongft by the high land. When you com from the eaftwards, and will faile out through | caltle, there is fresh water to be gotten on the land. when you comfrom the embartus, and with other sources the section of the starts, as that you are founded needed by a spanish coath, the Starts, as that you are founded needed by a spanish coath, the syot and the very careful for that you bring the hill offine and, but upon the firand thandeth a great Packhouse which to less, the syot must be represented by the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the system of the sys Gibraltar, against the high land of Barbary, and in regard the fee to, is like a castle. land to the nordwards of Gibraltar hill is low, it feemeth (to the Strates. It hatthererotore happened, timi tonic winci join a nance-agood wayes into ear our watch-rower which have for millaken it, have fayled into the bay, thinking it to be I flanderth below, to the welfwards of Velez Mallagas; but if the opening of the Strati, and fo have fold their flaps there.

| You run along the byte flore in 10,011 fathom, without com-Therefore it is very need, that men take great care not to mi- ming neerer the flore, then you can not take any hurt in the fo-

two legges and a halfe into fea, whereupon is eight, nine, or upon the coaft, there is clean ground for to ancken. If you will remove the hard, men may fee it break.

The forefaid point of S. Sebaftians, and the cape de Trafalgar briates the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of t When you are then somewhat without the Cape de Trafal anckor by the second firetower, there is a falley, and there you gar, and fet your course fouthfoutheast, and foutheast and by may fetch water, and anokor in 20 or 22 fathom, there is a valfourh, then you fall fall with the land off the Barbary coalt, ley at there is also clean ground, and better lying for to set all within the Cape de Spartell, about thwart off Tanger, Jying in with ealthy winds, for those that are bound out of the Strait bewithin the Cape de Spartell, about thwart off Tanger, Jying in with ealthy winds, for those that are bound out of the Strait bewithin the Cape de Spartell, about thwart off Tanger, Jying in with ealthy winds, for those that are bound out of the Strait bewithin the Cape de Spartell, about the war to great place for Elepona men may anckor in 14 fathom, that is a place for of Tanger, flandeth a caftle fomewhat high, and yet fomewhat to lade fruite and wines 3 5 or 6 leagues to the eastwards off it higher upon the high land, flandeth a little watch tower: but liteth Marveles, betwixt them both fland y watch towrs upon

the iland, or els mult keepe farre of from the iland, for to runne | From Marveles to Fangerola it is 5 leagues e. n. e. betwirt # negerola alongth without the shoulds, but in the middelt, neere a like them both stand also 5 watch-towers. Fangerola is a castle, and hath a faire fand-bay, there is good anckor ground in 7 or 8 fa-Three leagues to the eaftwards of theiland Tariffe lieth the thom, a flat rifing ground, men may lye there landlockt for a

it, is a good road for a northeau while, it is a good road for a northean while hot far from the shore, thwart of a great rock, which lieth close of Mallaga to the town of Molling, the course is n. e. and n. e. Mallaga.

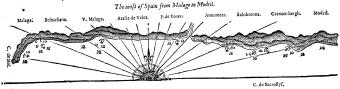
Mallaga is knowne by these markes. There standeth a Castle to the castwards upon the high land, and there come 2 walles At Gibralter is a faire Bay, almost like a haven: if you will downewards towards the fea to another Castle which lyeth by anckor in the Bay of Gibralter, then faile fo farre into it, untill the water fide. Before that fame Caftle is now the road, that

If you will anckor in the road before Mallaga, then anckor

towards the well flore, and then forth out alongft by the lee 7 leagues, betwitt them both men may anckor all alongft by flore, for the easterley winds do fall with fuch wirling and foreflaughes, from over the high land of Gibraltar, that you shal be standeth a little Castle, before it is good Anckoring in 10 or

Te towne off Velez Malaga lyeth about a league within the Velez Mala

If you will anckor at Velez Mallaga coming from the westland to the nordwards of Gibratur hin is now. It recentent to | 1 you will anck or at verz. Maniaga coming from the welf-look to) to be nothing clashen as if there were the opening off wards; then you must give the welf point a birth; there lyeth be Strates. I that the retoor thappened, that fome which loff a bancke a good wayes into fea by the watch-tower which



refavd bancke or riffe. When as the towns of Velez Mallaga poynt, whereupon standeth a fire tower, under it is a good road commethalittle to the eaftwards of the forefayd Pack-house for a west wind. or tower which standethupon the strand, then anckor in 12, If you will anckor at Almunecar, then anckor to the westwards of the rock, where the little chappell standeth upon in

10, or 8 fathom, it is there all cleare and cleane ground, From Velez Mallaga to Almunecar, the courie is eath, 15 or 12 fathom, there is good ground, and fhall lye there landlockt 16 leagues, betwirt them both it is all cleane Coaft, men may for an east and westnorthwest wind.

anckor there under all the points which lye betwist them both. Salobrena lieth from Almunecar 4 leagues to the caftwards, Two great leagues to the westwards of Almunecar lyet a that is a little Towne with a little Castle, and lieth upon a hill a

all the flips, they may anckor there in 14 & 15 fathom, clean left they be inbaye upon a lee shore. foft ground, in 16 fathom they shall lye somewhat to farre out. little iland, and the maine land, betwirt them both there is a- | (in fayling by) like a broken fchonce or caftle. bout 16 or 17 foot waters, & the little sland is round about clean, fo that men may run very close along & by it without feare.

Arzyla is a little walled town, lying upon the water fide and hath a little bard haven, which men doe sayle into at two places fo that men may run very close alongst by it without feare.

bight, a half league from the sea fide within the land lyeth Mo- most channell is the deepest, but both of them are not sit but drill, which hath 2 Churches and fome trees, thereabouts upon for fmall shippes. Being come within the rocks men doe anckor the water fide frandeth a square tower.

If you will ankor at Modril, then anckor before the forefayd wind make theere (like as at all places on these coasts) a lee sho-ro. A little to the eastwards of Modrill lyeth the point, called le houses, but men cannot wel see them, except they saile close

over fouth and by eath, about close by the pointe of Seuta, effectilly with a wefterly winde, you fhoulde otherwise be carried with some other trees by it, when men come from the n. wards away fo with the current, which then commonly runs to the e. alongft by the shore, that great tree semeth to be a tower, yet wards, that you fhould fal to farre to the Leewards Comming formwhat to the f.wards standethan other great tree, but not fo then about h by the point of Seuta, you shall see out a head a great as the other when men begin to come neere to Alarache. black point, called cape Porks, lying fourth from the point of or els by the fouthermost great tree, then the forefayd greatest Seuta. When menlye in the Bay of Gibraltar, they may fee tree doth hide it felfe behinde the land. These are all very good the forefaid cape Porkes alongft over Seuta: which is a point marks for to know this coast by, betwixt dese 2 places. very good to beknown, fayl towards that point, and with a west Alarache lieth with a great Castle upon the f. point of a riwind luffe up fo neere as you can. When you come about that ver, which is very showld and crooked, the north point is a low wma nute up to neere as you can. When you come about that ver, which is very throwld and crooked, the north point is a low point, then you final begin to 6 Tetnan, which lieth up againf point goying flat of, and within it, on the n. fide of the river he high land agreat legue within the land: runthen fo far to the fouthwards , untill that the eaft end of the town come! Quickland, which lieth off from the north point, where this discount is the contract of the fourthwards of the contract of the contract of the fourthwards of the contract of the fourthwards of the contract of the contract of the fourthwards of the contract of the fourthwards of the contract of the fourthwards of the fourthwards of the contract of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthwards of the fourthward right over a litle round hommock, which is upon the high land within. In the middeft off the towne ftandeth a black tower, and in the innermost land off al within, Ive 3 little hills, which doe (as it were) looke over the outermost inner land, bringh the 3 little hills over the foresayd black tower, & anckor then fo farre from the shore, that the first little hill of the high land to the fouthwards of Seuta towards C. Porques, come a little without C.Porques, there it shall be 16 fathom deep, and good Marks of foft ground. If you anckor otherwise then upon these forestayd grow sea out of the west or northwest, so that somtimes men

Marks of 10t ground. If you ancor omerwise usen upon these robeings the roads marks, you thal have bad, from ye finapse ground. I that hiap-lead that fome fhips have ankored there, buy their ankors led fo in to the rocks, that they could now seigh them again, but must hew of their cables, Se leave their anckors behinde them. Therefore if you come of from the point of C. Porques, then be carefull that you bring the forefayd first little hommock (which lyeth a flearne off you in the bight off Seuta to the S. wards of Seuta) a little without the C. Porques, and fo keep failing to the fourthwards, & keep heaving of the lead continually was wont allo to be a haven, but is now altogether caft to off without cealing untill that you get the foft ground, fo foone as you fall feele it, let then prefently your ankorfal, for the place C.Tetuan, wher the foft ground is, is not 2 cables lengt in companie great,

Tetuan lieth from Seuta a bout 6 leagues, and 3 or 4 leagues to the fouthwards of it lyeth a point, called cape Tetuan, whereupon flandeth a tower. He that hath never been at Tetuan, might eafily be miftaken by that point, taking it to be cape de Porques, the fooner because that fom fay that Tetuan lyech at fall finding the mean to make the fall selegate to the fourthwards of Setuar. It beat happened that fhips have failed into this poynt, and have for muce path that fhips have failed into this poynt, and have for muce path that finds the fall selected it is belt that ment go not to farre from the format the format the more to the verbwards that not the always and the mean that the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall selected in the fall s Porques, the fooner because that fom fay that Tetuan lyeth at

The Bay off Tetuan betwixt this cape Porques and C. Te tuan, is a fand-bay altogether of fand-ftrand with low hon mocks here and there upon the fea-fide, which a farre of feen as if they where ships, but the ground thereabout is altoget! foule, except such a place as before is say. Betwixt the Ca Porques and Seuta it is also a faire fandstrand, but thwart of is all good ground.

The Coast of Barbarie in the Straite off Gibralter , Ive from Seuta to Cape de Spartell west and by fouth, and west fouthwest eight or nine leaguas. But the cape de Spartell, ar Cape de Trafalgar on the Spanish side, ly north and by wel and fouth and by east eight leagues afunder.

From Cape de Spartel tot Arzila, the coaft Iyeth fouth and

little about the east point of Almunecar, and right before Salo- by west seven leagues, betwirt them both alongst the sea side bread lyeth a little lland, he that will anckor there must anckor it is all lowe land, with fome points and high within, with a to the westwards of it, there he shal lie ladlockt for a n.e.wind, white sand-hilly strand. A little to the southwards off the point & also for a w. wind, then the shal have succour of thee point of of cape de Spartell, men may anckor for easterley windes in Almunecar. Me may also wel ankor to the eastwards of that litle iland, but to the weftwards of it is the best road, there lie also de doth shift to the west they must be ready to get under saile.

About a league to the foutwardes of the C. Iveth a litle Men may (if need fo require) run through betwixt the forefaid hommock upon the low land, by the water fide, which sheweth

Two great leagues caltwards from Salobrena in the fame through a row of rockes, which lyeth before it, the northerbetwint the town and the rockes.

From Arzyla to Alárache, the coast lyeth also fand by west fquare towir, which standeth upon the water side in 12 or 13 fa- 8 leagues, it is altogether a cleane coast with some roks on the thom, so that you may see the little tower upon the east point e- shore, the land betwixt them both is somwhat higher then beven without the other point, there is cleane ground, men lye twixt Arzyla & the C. with high land within. About an English there landlockt for an eaftwind, but a fouth eaft and a fouth mile to the fouthwardes of Arzyla standath a tower, and som-Cape de Sacretijf.

The Confit of Barbarij.

For to faile out of the Bay of Gibraltar to Tetuan, then run

alongt by the coaft. Betwixt Arzyla and Alarache, Dut formthe Bay of Gibraltar to Tetuan, then run

by the coaft. Betwixt Arzyla and Alarache, Dut formthe by the coaft. Betwixt Arzyla and Alarache, Dut formthe coaft. Betwixt Arzyla a alongft by the coaft. Betwixt Arzyla and Alarache, but fomwhat neerer Alarache then Arzyla, lieth on the fea fide, a high

fhips may goe in over with a fpring tyde, through a Criek, els it is but for Barkes and Friggats: men may anckor before it in the Roade in 16, 17, and 18 fathom.

Alarache is under the command of the King of Spaine, and slittle or nothing used either by English or Dutch-men.

He that faileth alongft this coaft, must not come very close to the shore, unlesse it were with a hard Levand, or easterly winde, with calme weather there goet fometimes a very great

can hardly get of from the fhore.

From Alarache to Old Mamora the coast lieth f. and by w. and f.f. weft betwixt 7 or 8 leagues, it is low land with fandhils with few places that are good to be knowen, all alongst even to Mamora.

He that cometh out of the fea, and falleth with the land here on this coast, shal perceive little knowledge of the land, uplesse heefhall with fome of the inhabited places. This Old Mamora

## Of the Tydes and Courses of the streames:

Before the Condact on the coast a fiftw. & n.n.e. moon maket high water-Before Palos Moguer and Wolues maketh full fea a fourth and u. moon. Before the river of S. Lucas and at Cales before the bay maketh full fea a w. and by fourh and northeast and by north moon.

At Cales in the bay maketh high water a fifth, moone.
The ob fallesh without the fuercor to the first act wardes the Straet,
and the flood cowards the land to the northwards; but for the most part, the

where shoulds.

### Come Co. and Did

| C-          | con jes unit Dijiuntes.                                                                                   |
|-------------|-----------------------------------------------------------------------------------------------------------|
| <b>13</b> - | From Avemont to Leep eaft and by north 7 leagues                                                          |
| ne          | From Leep to Saltees or Palos, eath and by fourh 7 leagues                                                |
| er          | From Salces to the river of S. Lucas, or Sipiona f. e. and f. e. and by east 8 or<br>9 leagues.           |
| pe '<br>Fit | From S. Lucas or the poynt of Sipiona, to the poynt of Cales the course is                                |
| Fit         | foutheast oleagues                                                                                        |
|             | From Cales to the poynt of the Strait fouthfoutheast - 10 leagues                                         |
| th          | From Cales to the great Canaries fonthweft 140 leagues From Cales to the He de Madera w. f. w 200 leagues |
| d-          | From cape Trafalgar to Tariffe, the course is south east - 4 leagues                                      |
| nd          | From Tariffe to the point of Gibraltar eart and by north 4 leagues                                        |
|             | From the pount of Gibraltar to Marmels n.e. and by n                                                      |
| ıε,         | From Marveles to Fangerola e.n.e.                                                                         |

From Fangerola to the w. point of Mallaga e.n.e. 2 leagues
From the weft point of Mallaga to the towne of Mallaga n. e. and n. e. and by

## The fixth demonstration.

The coalt of Barbarie from cape de Spartell, the fouthpoint of the Strait to the fouthwards, untill paft Alarache sheweth like as it por-trayed in their 2 Figures when the cape da Spartell is eaft and by north from you about eight leagues.

In which Are showed the coaffes off Barbarie from old Mamor to C. de Geer, together with the Flemis Hands.

ROM Old Mamora to Mamora, the coast lieth alongst | with little hille, so that men cannot judge (when they are som-Iron the northwards , you cannot ret the five of on samona to wince transa, service to excess, but not in northwards on epen before you be pail it , by reason that it letch into the Salley its nor fo, but nothing eller then perfect notes, estimately, and then point is low. When you come former what The Towner of Salley that is little Tower, and lieth upon clote by the flower, you full file upon the high land in the cattand strong out of the f. w. and f. f. w. In the winter men must 18, or 16 fathom, so neere or farre of as hee will, there is northwest, then it is like to be good weather againe.

18 and 20 fathom, there is clean fandy-ground.

the fourthwards it is aftere all of black steepe ragged rockes in , in above the wood of trees (or Barne as men doe com-

I four hand by weft and fourthfourtherd 7 leagues. Before handor as a high broad fandftrand, and is not good to it. When you are a league or two paft Mamora, then you may fe know, when you are formewhat off the land. The beft know- very plaine the high thick Tower of Sally, and when you fe the ledge thereof is this: When you come from the northwards forefaid rocky shore you may be fure that you are past Mamo-alongst the shore, you have al high land within, that you come ra, that steepe rocky shore continueth from thence, until past leefe when you come before Mamora, and when you come

Fedalle, yet betwixt Fedalle and Sally is here and there a place

from the northwards, you cannot fee the river of Mamora of white strand, betwixt the rockes, but to the northwards off

le of Mamora (which the Spaniards have built there for the de- Castle hat also a little Tower, and lieth over against upon the fence of the place) a very high maft or stake, which you may S point of the River, which is a high rocky point. There goeth fee indifferent far off, and when it is cleare weather you may a wall round about the high thick Tower, and lieth upon a fee also the high thick Tower of Sallee to the fouthwards frand point on the s. fide within the River. Before the River is a Baragainft the land. Before the river lieth a Barre which with a re which oftentimes with fforms out of the fea doth alter an-Spring hath 16 and 17 foote, and fometimes more water, the Barre is oftentimes altred by the fea. In the fpring it lieth in the two points, and sometimes againe right in the middest off commonly e.f.e. & thereabouts. In the later part of the yeare it the rivers mouth. Hee that will anckor before Salley, let him lieth in more eafterly by the cafting up of the sea out of the n. bring the foresaid high thick tower (which standeth within on In the Summer the windes blow along it the coast, the most part the River) on the point of the castle, to wit, over the south of the time out of the north, which caufeth that the curret run- point of the River, which shall ten stand from him neere about neth there to the foutwards, & in the winter they blow much | foutheaft, and anckor there in thirty, eight and twenty, 24,20,

be very carefull to get of betimes when the winde beginneth clean black fandy-ground, nevertheleffe that the shore thereato come to the fouth, or f. e. then it is time to get of for then | bouts is fo full of rocks and stones. Being come to anckor thecommonly it shifteth to the f.w. and w.f.w. with foule weather, re men must shoot a shot to cause the Moores to come of. but when it commeth about agains to the westnorthwest , or From Salley to the Iland Fedalle the shore lieth alongst S. W. and by f. about 9 or 10 leagues betwixt them both lye in the The road before Mamora is about a league from the land in fand-ftrand, long black rocks (as before is faid) fo that off ten times men might take it to be Fedalle. The best markes for From Mamora to Salley, the coaft lieth f.w. and by f. and to know Fedalle by is a wood of trees about a league to the f. f. w. fix leagues, betwixt them both it low plaine land, and northwards off Fedalle, which flandeth below upon the land fandy-ftrand, with double land within, which is foeven and and flowerth like a barne. When you come fayling along ft close fmooth, as if it where planed over. From Mamora not halfe by the land, you shall see it above upon the land, but when you wayes to Sally, the ftrand ccafeth, and from thence forth to are fomewhat of from the land, then you shall fe the land with-

wood, called Monfer, when you fayle alongft close by it, you lieth the east point of the Bay east, and the west point about n.

shall see yet some peeces of walles of it.

you come to lye with your shippe so farre in, that foresayd you can see it. From the foresaid C.Blanco tho the C. Cantin, C, Cantin, point of the iland doe lye n.n.w. from you, then lyeth the for the coast lyeth w.f.w. and f.w. and by west about 9 leagues.

there are dangerous people.

foule ground.

le men may goe over on foot at low water to the maine land, year there is much fish to be taken. but at high water fea washet through at 2 places, it floweth the re 7 and 8 foot up and down.

old ruinous town fallen downe close upon the strand called A- they be to the northwards of Sasia, or to the southwards of it. you are thwart of Anafee, you may yet fee the wood of trees if you will anckor further in the bay, then bring the forefaid to the northwards of Fedalle, which standeth then to see to n. point n.n. w. or a little more northerly from you, and then from far as a fayle in the water, 2 leagues to the fouthwards, (or the northermost of the two north points shall bee a shippes rather to the westwards) of Ansee, or Anasee, is a steepe point length without the southermost or the next unto you, run then fuch fpotters men shall find at divers places on the coast.

town of Masagam, on a white strand close by the sea fide this You may also anckor so farre within in the Bay in 15 or 16 town is inhabited by the Portugals, or Spaniards, it hat no to- fathom, that the north poynt come te be n.w. & n.w. and by w.

monly name it for the likeniffe of it) also there lyeth a little wers, and sheweth to see to off at fea, in white spots against Tyroi round hommock about four eleagues the the northwardes of the land. When you are thwart off from it, you shall see to the Fedalle, which you shall see above the rest of the land, when southwards the high tower of Tyro (which is a town fallen you are formewhat off from the land, but when you come close down about 2 leagues to the westwards of Masagam) almost liby the land, it hideth it felfe also behinde the double land. The ke the tower of Anafee. A little to the westwards of masagam, coaft betwixt Salley and Fedalle, is very plain and smooth dou- at the westpoint of the Bay, shooteth off a ledge or riste of ble land, fo that there is not another such hommocke more rocks, almost a league off into sea, where of the rockes at high betwixt them both, as that forefayd hommocke, and in regard water, lie most under water, and at low water are uncovered. the coast therebouts is altogether so plain, without any places He that will anckor there, and is not well acquainted, must tagood to beknowne, there fore men must take the more speciall ke in a Pilot, which may bring him to a place where is good angood to beknowne; there for the unit case the most special bed unto fuch final markes, for not to fayle past the place | kor ground, for although that it be a great bay, yet neverthewere they are bound unto. Betwixt the foresayd Barne or wood of trees and Fedalle many places foule, so that but few ships should beable to lye ftandeth also a rumons little Towne fallen downe, in a rough there in clean ground, when you lie in the right road, then w. from you.

Tho the fourhwards of Fedalle the land is agayne higher, About a leagues to the westwards of Tito, lieth a steep point, and where the high and low commeth together, it doth may when you come from the eastwards along they the shoare, you ke a clift, there by the iland of Fedalle is good to be known. Thall fee no more land without the point, untill that you come when that clift is i. i.e. from you, then is Fedalle thwart of it near it, when you begin to get it upon your broad fide, then also f. f. e. from you. If you will goe into Fedalle, then runne there cometh out to the westwards a great square cliff. which is right with the foresayd Barne, or wood of trees, untill you very good to be known, &is whitish with reddish spots, and seecome within a league, or fomewhat neere to the land, and meth a ar off as it were a wall. This point is called after that C.Blanco then alongft by it, and fo you shall not misse the iland Fedal- white point, Cape Blanco, About 3 leagues tho the westwards Gasa Cale, but runne in betwixt it and the maine land, when that you of this Cape Blanco, lieth a little tower upon the high land, valgera, come by the north poynt of Fedalle, then anckor betwixt the near by a valley called Cafa Cavalgera, and two leagues more ftrand and the forefayd north point, but much neerer the iland to the westwards lieth upon the high land another little house Fedalle then the firand in fix, feven or eight fathom, fo that called Emindra, but you must be close by the land before that Emindra.

refayd Barnee.n.e. from you, and Monfor a handspikes length | The C. Cantin is an even plaine point, when you are to the tho the northwards of the Barn or wood of trees; you may also northwards of it, it sheweth flat to wards the west, and going anckor in 12 fathom, fo that the poynt off Fedalle lye west and off towards the sea: there standeth a fire-tower upon it, but very fmall, that fometimes you can hardly fee it If you come This bight within the iland Fedalle, is a very bad place to from the northwards, or from C. Vincent, and are bound to bein, for although you lye there so that the point off the Safia, then feth your courses and fand by east, and then you Iland lye northwelt, and north and by west from you, and shall fall with the land 4 or 5 leagues to the eastwards of Cape with a cable on the iland, neverthelesse the grown sea com- Cantin, or if you saile a more westerley course you shall runne meth fo hard rowling in about the poynt of the iland (when till you come in the height of 32 degrees and a half, and then the winde is welkerly) that you might rather defire to lye in the C. Cantinshall lie due e. from you, it is better to fall a the open sea, then within the iland. From the north point little to the ealtwards of the C. then to the westwards of it; of Fedalles fhooteth of a ledge or riffe off rockes a Musket fhot because the winds blow there most common northerly. If you into fea, the most of them lye high above water; within the fall to the eastwards of the C. the coast lieth there s. w. and land it is very flat towards the strand, the Bay on the land is a by w. and w. s. w. and it is even plaine land. About 10 leagues faire sandy strand, there men may get ballast from the shore, to the eastwards of the C. lieth that little town Tyro, with but they must be very carefull to stand upon their guard, for a high white tower upon the sea side, and 5 or 6 leagues more to the westwards (betwirt Casa Cavalgero and C. Cantin) your Before Fedalle, towit, to the northwards off it, thwart of shall see a little bight or bay, thereabouts lie upon the strand the wood of trees, and alongft to Salley, it is allfhwold water by the water fide, great black rockes, which flew as if they aleague or two from the land, all along it that diffance, of it is were wrakes of ships, and then forth along sto the C. it is a faire not deeper then 23, 24, and 23 fathom cleane fand-ground, flat fandy ftrand from the C. shooteth off a ledge of rocks sothwart of into fea from Fedalle it is also of the same depth, but mewhat of into fea, which men must avoid when then sayle about the Cape.

He that will trade at Fedalle must anckor somewhat farre From C. Cantin the the spoint of Sasia, the coast lieth f.or in, for they have there no Boats, men must fetch the Mores fomewhat more westerley. 5 or 6 leagues, betwirt them both it is a freep rocky land without fandy frrand, but above upon Upon the n. point of Fedalle lieth a high hommock, which it plaine and even. A league to the fouthwards of the C. lieth fleweth a far off when men come in , asifit were a caffle falne ariffe or flowld by the flore, by fome called the Gold-bancke down, but it is nothing elfe then rocks. At the f. end of Fedal- and lieth about a league off from the land: at some times of the

Tho the fouthwards of the Bay of Safia is high aneven, and Safia; most of all double land but to the fouthwards of it, it is even Three leagues f. w. and by f. and f, w. From Fedalle lieth an and plain, therby men may eafily perceive or differn whether

nafee, it is a ling town with many towers, amongst the rest one If you will anckor in the bay or road before Safia, then bring For to anhigh thick tower al most like the tower of salley, but men the north point (whereupon standeth a tower) a little more have must bee indifferent close by it before you can see it. When westerley then n from you, and anckor then in 18 fathom. Or safa with red cliffs, wich feem a far off as if they where houses, fo farre to the fouthwards untill that tower where men doe land with the boats (which is a high square tower, standing be-From Anafee to Azamor the coast lieth f. w. and by w. we- low even within the wal of the towne come right over a tower therly 18 leagues betwixt them both lieth another fallen place which it faft to the wall, which commeth of from the Cattle called Lyones. Azamor hath apointlying out on the e, fide above to the fouthwards, fo that the forefaid thicke tower bewhen you come fayling alongst the shoare from the north- low come right over the Haven betwixt the poynt where the wards, Azamor lieth then about or behinde that point upon caffle standeth upon the water fide, and the rocks where men wards, Azamor neut then about or betinde that point days
the ftrand, but ftandeth high. A little paft Azamor lieth a ni
goe in betwixt. Or elfe anckor that the high Caftle of Safia
wer, and thereshouts are fome towers in the low-land.

than de, and by f, and e.f.e. from you, there it is fixteene, fe-Three little leavies to the wellwards of Azamor lieth the venteene, & eighteene fathom deepe, good fine fandy ground.

from you. These are the Summer road. In the Winter men it is needfull to keepe the foresaid to the yard, for to helpe must anckor further from the land in 28 or 30 fathom, there themselves with it the best that they can if it should bappen the ground is couse sand. Men may boldly run in before Sasia should be forced from their anckors. into the road by night, there is nothing that they need to feare, which may doe them hurt, but the land.

About 2 leagues from Safia, lieth the f. point of the bay, ftrand. By it goeth in the River Tanfit up into the land unto

From the poynt of Safia to the Iland Mogodor, the coast lyeth f. f. w. 19 or 20 leagues.

tland mo. Against the northeast end of the HandMogodor, there shoolow water are encovered. When you come to the end off heed. them, you may luffe up about by them towards the maine land, At the fouth fide of the iland before the towne S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a S. Cruz is a Sea upon the forefayd rocks, there goeth fometimes a great or 40 fathom. Sea, fo that it is not good lying there with at storme, but fur- At the fouthwest fide before Marasilo is also good ankoring ther in, under the lland it is good lying in two fathom and a in fixteene or eighteen fathom. In all these forestaid places is halfe. From the south end of the Iland lyeth off a little riffe good ground for to anckor in. towards the maine land allmost the the foot strandt, and to Betwixt Madera and Teneriffe lieth the little iland Salva-Salvager and then you may faile there, where you defire to be.

flar fand-strand, with double land, which a some places is very and west wind.

leth to the fouthwards flat of into fea, which men shall first Punt Alagato, is the Road in 20 and 25 fathom. perceive when they come within 3 or 4 leagues of it. About Before the eastermost little towne lyetha little iland, bemocke within tho land, and further northwards the Land is deep. Betwixt these two little townes, the coast lyeth west-yet higher; but when you come thus from the northwards northwest and east out the angle of the coast lyeth west-

by welf, there is the best road. In the Summer time you may ce 16 or 17 leagues farre of into sea. Upon it sland two pillars, ankor nearer to the shoare, untill you come in 6 and 7 fathom. which men may see every where in the towne Angra, and Road, you must be carefull to be keep coloreshood of the land of the towns warning of the flippes that come about the I-of the Cape, and run alongst by it, until you come before the land. As many flips as hee feeth come from the weftwards or Caffle. If you runne farre of from the floare, you shall with the fourbwards, that, is, from the Well-Indies, Braffl, or the northerley windes (which blow there much) be constrained to Portingals Indies, so many Flags he setteth up upon the Pillar come in northeaft, and northnortheaft, again for to recover towards the west, when he feeth more then five ships, then he the shoare, therefore it is best to keep close aboard the high feeteth up a great Flagge, which signifieth a whole Fleet, Liland. He that should come into the road here by night, must kewise he doth the same upon the other Pillar towards the east,

kors, the smallest bower must be alwayes laid outfor the wind which bloweth of the land, and the other anckors to Seawards.

He that cometh from the eastwards, or the northwards, and for to fall the cometh from the eastwards, or the northwards, and for the land.

In this Bay is much fish to be taken, when men lye there in

the road, they take their turnes to go out to fish.

From the C. S. Vincent South-West and by West 140 leawhich is a low point that lieth out, and two leagues to the gues, and from the cape de Finisterre fouthsouthwest and fouthwards of it liethanother steep rocky point without fandy fouthwest and by fouth 232 leagues , lyeth the Hand Porto Portos Santolying foutheaft and northwest upon each end of this to. iland lieth a great rock, The road is on the fouthwest fide, to the eaftwards of the ragged rock, before a little haven where men may landlocks with boats.

The iland Madera lieth from Porto Santo f. w. 16 leagues made teth off from the maineland, a great row off rockes; being fouthwards from the east boint of Madera, lie 3 fmall rocky hardsharpe rockes, whereof the outtermost, or those that lye islands, being called the Serters, the northermost is the small-se mentanger rockes, ynterest to construct the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process faid rockes, close in alongst by the Rocks. It is there in com- from Porto Santo', may faile through betwixt them and the ming in, betwixt the Ilaud and the Rockes five fathom deep. point of Madera, it is there betwixt them broad and wide, and Within the forefaid rocks lye also some other Rockes on the also cleane and cleare every where, onely at the forefaid east larboard fide, which at high water are underwater, and at point of Madera lieth a funcken rock, whereof men must take

and anckor there within them in three fathom at low water, good road in 20 fathom, but before Fonfiall is the chiefeft there is good fand ground. But yet neverthelesse is good fand ground. But yet neverthelesse is good fand to to the westwards of the Towne lieth a great there very good lying, for by reason off the breaking off the rock with a crosse, called the Lion, by is the best lying in 30

the fouthwards off the forefayd little riffe, lyeth a bancke off ges, to wit, fouth from the Serters forty leagues. North from from the maine land allmost a league of into fea. If you will the northeast poynt of Teneriffe seven and twenty leagues, fayle out at the fouth end, then run alongst by the shoare of the and northnorthwest from the northeast point of great Canamaine land, untill that you becabout the forefayd riffe; and ries, forty, or two and forty leagues, it lyeth fouthwest and run out then upon your lead alongst by the banck, and then northeast and is about a halfe league long. The fouthwest end you shall presently get deeper water, of 4,6,8, and 10 fathom, of Salvages is soule farre of into sea, therefore runne ratherabout to the eastwards of it then to the westwards. Three or 4 C.deGeer. From the point of Safa to C. de Geer, the courfe is fouth leagues fouthwest from that point, amongst other Rockes, fouthwell about 43 leagues but from Mogodor the same course lyeth one great rock which sheweth a for of like a faile. Under about 22 or 23 leagues. It is there betwirt them bot a faire the foutheast fide of the Salvages is a good road for a northwest

Madera and the iland S. Michaels lye northweft and fouth-S. michi About eight leagues to the northwards of C. de Geer lyeth eaft 135 leagues diffant. At S. Michaels, the road is at the a point called C. de Taffalana, under which men may ride in fouthwest side of the iland, when you come about one off the good fand-ground for east and northeast windes. The C. de two points, either from the east or west, then you shall see two Geeris lower then the land to the northwards of it, and fal-little towns. Before the westermost, called Punte de Gada, or puntoda

4 leagues to the northwards of the Cape lyeth a high Hom-twixt that and the land of S. Michaels it is 5, 6, and 7 fathom

near C. de Geer, you shall fee no more land to the fourthwards | From S. Michaels to Tercera, the course is northwest and revens of it. When you come to the point you must give the rife a by west four early thirty leagues. Under Tercera the road is birth that lieth of from it, and runne about by it; and then on the fouth fide of the iland, to the westwards of the rockes, forth foutheast and by east, and fouthest, 7 or 8 leagues to right before the towne Angra, betwixt two points that lye out, Angra S. Cruz, and then you shall fee the Moores Castle stand on the upon each of them standetha Castle for defence of the shippes high land: thwart of it lie a row of Rockes, about a Calliver which lye there in the Road, the westermost of the 2 points fhot in length, else it is all a cleane and cleare coast. For to lyeth a good wayes further out to seawards then the easteranckor there in the Bay, runne fo farre into the Bay, that the most, and hath upon the end of it, two very high, called Brasil, forelaid Mores Caltle stand north from you, and the Christi- when you come out of the sea, either from the east wards or ans packhouses northeast, theere it shall be deepe to the south- the westwards, it seemeth a farre of as if it were a funder from wards or the foresaid row of Rocks) 7 and 8 fathom, the north the land. These two foresayd hils upon the poynt of Brasil, point or Cape de Geer, shal then be from you northwest and are so high, that in cleare weather men may see from then-When you faile from Cape de Geer towards the playe or the a watchman thereby for to keepe watch, and to give them for the shippes which he feeth come from the east, from Por-then in 12 or 14 fathom.

for the shippes which he feeth come from the east, from Por-tingall or from the northwards, so that there cannot a shippe In this Road must be very carefull and ready with their anc- come thereabout, but men may fee it presently by that token

The floot and control the analysis ready against afforms: bound into the Read off Tercera, let him run failer by the read of which men may very well perceive before by the fwelling land of the feat point; a radialong by it unto the 2 little treatment of the feat both range in the read of the feat point; a radialong by it unto the 2 little treatment.

the road, about a bow flot one from the other. Men may run a-, to fayle in there, you must run in by the S. W. point, fo long longft to the fouthwards off these Hands, or to the northwards about by the shore, untill that you see the haven open, faile aof them, as they will, and also betwixt them both. Betwixt these longst about by the S. west point untill that you come in the little llands and the maine land of Tercera, it is a great cannon narrow, betwixt the rocks which lie of from the Well fide, fo thot broad, and 15 and 16 fathom deepe, thorow betwirt the foone as you come within the rockes, let prefently your anclittle Iland it is five and 6 fathom deepe cleane fand-ground. kor fal in 5 fathom, and bring Hawfers on the ealt fide on land, Somewhat the seawards of these little llands, lia 3 or 4 rocks fast to the pales, which are there made for the purpose: the ha-above water, called Los Frayles. Being past these foresaid lit. ven is little so that men may lie in it with no more then with 4 tle Hands, you must faile to the westwards, until that you come or 5 ships. Further in it is should water. neare to the forefaid point of Brafill, a little to the caftwards of it you must anckor before the town of Augrain 10 or 12 faOn the forefaid coalls maketh high water a S. S. W. and S. W. and by S. moon thom . or elfe men lay their fea-anckor commenly in 16, and their smaller anckor towards the land in 8 or 9 fathom. Me Iye there landlockt for a fouthwest and northeast and also to an E. N.E. winde, but a S.E. winde bloweth there flat open in On the westfide of the point of Brazill is also a great sandy Ba for to anckor in. Before a village, called S. Martin.

Three leagues to the eaftwards of the Towne Angra, liet a bight, called Porto Judeo, there the Spanniards landed wit

their forces, when they tooke in the Iland from the Portingals
Hee that will fayle from Tercera to Fayall let him fet hi course W. S. W. to the E. point of S. Georges, which is from thence ten leagues afunder. Further betwixt the Pico & S.Ge orges through to Fayal are 16 leagues it lieth most W. N. W through betwixt them and the Hand Favall lieth to the west wards of the Iland of the Pico a great league afunder of from it

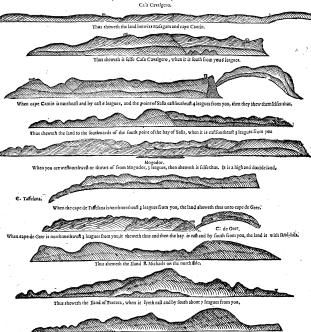
He that will anckor in the Road of Fayall, let him anckor right before the village of Fayall in 14 or 15 fathom, there is

Off the Tydes and Courfes of the fiveames.

| n   | From cape Spartel to cape Cantin it is Southwest foutherly.     | 65 leagues     |
|-----|-----------------------------------------------------------------|----------------|
| r   | From cape Spartell to Madera w. and by fouth and west f. w.     | 200 leagues    |
|     |                                                                 | 133 leagues    |
| ١.  | From cape Cantin to S. Vincent N. fomewhat wefterly             | 90 leagnes     |
| v   | From cape Cantin to Teacriffe S, weft and by weft               | 142 leagues    |
| ,   | From cape Cantin to cape de Geer fouthfourthwest 50             | or \$2 leagues |
| . ' | From cape de Geer to cape de Non fouth f. w. and f.bv w.        | 27 leagues     |
| h   | From cape de Geer to the point of S. Cruz foutheaft             | - 5 leagues    |
| h   | From cape de Non to Ofsin fouch                                 | x3 leagues     |
|     | From cape de Non to cape de Bajador S. W. and by west           | 69 leagues     |
|     | From cape de Geer to cape de Bajador f. w. fomewhat wefterly,   | 93 leagues     |
| s   | From Safia to Madera eail and well                              | 130 leagues    |
| 3   | From cape de Geer to Madera west northwest                      | 133 leagues    |
| ٠   | From S. Michiels to Tercera northwest and by west               | 34 leagues     |
| - ( | From Tercera to the eaftend of S. Georges w. f. w               | 10 leagues     |
| ٠   | From the eaft and of S. Georges to Fayal w. n. w.               | 16 leagues     |
| ٠.  | From Saint Michaels to de cape de Pinisterre e. n. e.           | 2 to leagues   |
| ٠.  | From Tereera to Roxent , or the River of Lisbon eaft at leaft.  | 247 leagues    |
| .   | From Tercera to cape de Finifierre e.n. e.and eaft and by north | 267 leagues    |
|     | roun recent coupe de rinnerre e.n. c.and ealt and by north      | 25 e leagues   |
| r   | From Tercera to the Lizart northeast and by east.               | 287 leagues    |
| e   | Heights.                                                        |                |
|     |                                                                 |                |

fandground; but there goeth a hard tide of flood and ebbe.
On the f. w. end of the Iland Fayall lieth a little haven; for C. de Geer in 3 odegr. G. de Non in 18 degr. 32 min. the Iland Mogood in 3 oder. G. de Geer in 3 odegr. G. de Non in 18 degr. 32 m.C. de Bijsdorin 27 degr.

How thefe Lands doe show them felves at Sea.



When Tercera is 4 or 5 leagues from you, then it arifeth thus, the west end of this Iland Tercera is higher then the cast end, thereby it is indifferent good to be knowne.

must anckor further from the land in 28 or 30 fathom, there themselves with it the best that they can if it should happen the ground is couse sand. Men may boldly run in before Sasia should be forced from their anckors. into the road by night, there is nothing that they need to feare, which may doe them hurt, but the land.

About 2 leagues from Safia, lieth the f. point of the bay, Marrocos.

lyeth f. f. w. 19 or 20 leagues.

Against the northeast end of the HandMogodor, there shoofland molow water are encovered. When you come to the end off heed, them, you may luffe up about by them towards the maine land, At the fouth fide of the iland before the towne S. Cruz is a S. Ca Sea upon the forefayd rocks, there goeth fometimes a great or 40 fathom. Sea, to that it is not good lying there with at fforme, but further in, under the lland it is, good lying in two fathormanda in fixteene or eighteen fathom. In all these forestiat places is halfe. From the fouth end of the Iland lyeth off a little riffe good ground for to anckor in. towards the maine land allmost the the foot strandt, and to Betwixt Madera and Tenerisse lieth the little iland Salva-Salvage and then you may faile there, where you defire to be.

flat fand-strand, with double land, which a some places is very and west wind.

leth to the fouthwards flat of into (ea, which men shall sirst Punt Alagato, is the Roadin 20 and 25 fathom.

perceive when they come within 3 or 4 leagues of it. About Before the eastermost little townelyetha little iland, bemocke within tho land, and further northwards the Land is deep. Betwixt these two little townes, the coast lyeth westyet higher; but when you come thus from the northwards northwest and east outheast, near C. de Geer, you shall see no more land to the fouthwards From S. Michaels to Tercera, the course is northwest and Tercera

kors, the smallest bower must be alwayes laid out for the wind in every corner & street of the towne. which bloweth of the land, and the other anckors to Seawards. He that cometh from the eaftwards, or the northwards, and Fortofall

then in 12 or 14 fathom.

from you. These are the Summer road. In the Winter men it is needfull to keepe the foresaid to the yard, for to helpe In this Bay is much fish to be taken, when men lye there in

the road, they take their turnes to go out to fish.

From the C. S. Vincent South-West and by West 140 leawhich is a low point that lieth out, and two leagues to the gues, and from the cape de Finisterre fouthfouthwest and fouthwards of it lieth another steep rocky point without fandy fouthwest and by fouth 232 leagues , lyeth the Iland Porto Ponto ftrand. By it goethin the River Tanfit up into the land unto Santo lying foutheast and northwest upon each end of this to iland lieth a great rock. The road is on the fouthwest side, to From the poynt of Safia to the Iland Mogodor, the coast the eastwards of the ragged rock, before a little haven where men may landlocks with boats.

The iland Madera lieth from Porto Santo f. w. 16 leagues made teth off from the maine land, a great row off rockes; being fourthwards from the east boint of Madera, lie 3 fmall rocky hardsharpe rockes, whereof the outtermost, or those that lye lands, being called the Serters, the northermost is the small series. next to the Iland Mogodor, lye high above water: He that left, and lieth about a league from the land from the forefaid commeth from the northwards, and wil faile in behind the point, the fouthermost is the greatest, and lyeth foure leagues Hand Mogodor, must runne in betwixt the lland and the fore- from the land. Hee that commeth from the northwards, or faid rockes, close in alongst by the Rocks. It is there in com- from Porto Santo', may faile through betwixt them and the ming in, betwixt the Hand and the Rockes five fathom deep. point of Madera, it is there betwixt them broad and wide, and Within the foresaid rocks lye also some other Rockes on the also cleane and cleare every where, onely at the foresaid east larboard fide, which at high water are under water, and at point of Madera lieth a funcken rock, whereof men must take

and anckor there within them in three fathom at low water, good road in 20 fathom, but before Fonfiall is the chiefest there is good fand ground. But yet neverthelesse it is not Road for to lade: to the westwards of the Towne lieth a great there very good lying, for by reason off the breaking off the rock with a crosse, called the Lion, by is the best lying in 30

the fouthwards off the foresayd little riffe, lyeth a bancke off ges, to wit, fouth from the Serters forty leagues. North from from the maine land all mott a league of into fea. If you will the northeast poynt of Teneriffe feven and twenty leagues, fayle out at the fouth end, then run alongft by the floare of the and northworthweft from the northeaft point of great Canamaine land, untill that you becabout the forefayd riffe, and fries, forty, or two and forty leagues, it lyeth fouthweft and run out then upon your lead alongst by the banck, and then northeast and is about a halfe league long. The southwest end you shall presently get deeper water, of 4,6,8, and 10 fathom, of Salvages is soule farre of into sea, therefore runne ratherabout to the eastwards of it then to the westwards. Three or 4 C.de Geer. From the point of Safia to C. de Geer, the course is south-leagues southwest from that point, amongst other Rockes, fouthwest about 43 leagues but from Mogodor the same course lyeth one great rock which sheweth a for of like a faile. Under about 22 or 23 leagues. It is there betwirt them bot a faire the four heaft fide of the Salvages is a good road for a northwest

Madera and the iland S. Michaels lye northwest and fouth- S.m high.

C.de TafAbout eight leagues to the northwards of C. de Geer lyeth

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C. de Tafa point called C. de Taffalana, under which men may ride in fouthwest side of the iland, when you come about one off the good fand-ground for east and northeast windes. The C. de two points, either from the east or west, then you shall see two Geer is lower then the land to the northwards of it, and fal- little towns. Before the weltermost, called Punte de Gada, or punted

4 leagues to the northwards of the Cape lyeth a high Hom- twixt that and the land of S. Michaels it is 5, 6, and 7 fathom

of it. When you come to the point you must give the riffe a by west foure and thirty leagues. Under Tercera the road is birth that lieth of from it, and rune about by it, and then on the fouth fide of the iland, to the westwards of the rockes, forth southeast and by east, and southest, 7 or 8 leagues to 1 right before the towne Angra, betwitz two points that lye out, angra. S. Cruz, and then you final fee the Moores Caftle stand on the upon each of them standers a Caftle for defence of the shippes high land: thwart of it lie a row of Rockes, about a Calliver which lye there in the Road, the westermost of the 2 points Thot in length, else it is all a cleane and cleare coast. For to lyeth a good wayes further out to seawards then the easteranckor there in the Bay, runne fo farre into the Bay, that the most, and hath upon the end of it, two very high, called Brasil, forclaid Mores Castle stand north from you, and the Christi- when you come out of the sea, either from the east wards or ans packhouses northeast, theere it shall be deepe to the southwards or the foresaid row of Rocks) 7 and 8 fathom, the north the land. These two foresayd hils upon the poynt of Brasil, point or Cape de Geer, shal then be from you northwest and are so high, that in cleare weather men may see from thenby well, there is the belt road. In the Summer time you may ce 16 or 17 leagues faire of into fea. Upon it fland two pillars, ankor nearer to the floars, untilly ou comein 6 and 7 fathom, which men may fee every where in the towne Angra, and When you faile from Cape de Geer towards the playe or the lawatchman thereby for to keep watch, and to give them Road, you must be careful to keepe cloofe aboord of the land of the towne warning of the shippes that come about the Iof the Cape, and run alongft by it, untill you come before the Cafte. If you runne farre of from the floare, you shall with the fourbwards, that is, from the Well-Indies, Brafil, or the northerley windes (which blow there much) be constrained to Portingals Indies, so many Flags he setteth up upon the Pillar come in northeast, and northnortheast, again for to recover towards the west, when he feeth more then five ships, then he the shoare, therefore it is best to keep close aboard the high feeteth up a great Flagge, which signifieth a whole Fleet, Liland. He that should come into the road here by night, must kewise he doth the same upon the other Pillar towards the east, not (upon certain great forfeiture) come nearer the shoare for the shippes which he seeth come from the east, from Portingall or from the northwards, fo that there cannot a shippe In this Road must be very carefull and ready with their anc- come thereabout, but men may fee it prefently by that token

The fhoot anckor must bee alwayer ready against a forme is bound into the Road off Tercera, let him run faire by the read of (which men may very well perceive before by the swelling land of the east point, and along they it unto the 2 little length or rising of the sea) to bring it out in the southwest. Also lands, called the likeos, which ye a little to the eastwards off

the toad, about a bow flot one from the other. Men may run a-, to fayle in there, you must run in by the S. W. point, fo long that broad, and 15 and 16 fathom deepe, thorow betwirt the foone as you come within the rockes, let prefently your anclittle lland it is five and 6 fathom deepe cleane fand ground, korfalin 5 fathom, and bring Hawfers on the call fide on land, Somewhat the feawards of these little llands, lia 3 or 4 rocks fast to the pales, which are there made for the purpose: the bato: Fray- above water, called Los Frayles. Being past these foresaid lit- ven is little fo that men may lie in it with no more then with 4 tle llands, you must faile to the westwards, until that you come or 5 ships. Further in it is should water. neare to the forefaid point of Brafill, a little to the eaftwards of it you must anckor before the town of Angra in 10 or 12 fa-on the forefaid coalls maketh high water 3 S.W. and S.W. and by S. moon Courtes and Diffances. their smaller anckor towards the land in 8 or 9 fathom. Men Ive there landlockt for a fouthwest and northeast and also for an E. N.E. winde, but a S.E. winde bloweth there flat open in. On the westfide of the point of Brazill is also a great sandy Ba for to anckor in Before a village, called S. Martin.

Three leagues to the eaftwards of the Towne Angra, lietl a bight, called Porto Judeo, there the Spanniards landed with their forces, when they tooke in the Iland from the Portingals Hee that will fayle from Tercera to Fayall let him fet his course W. S. W. to the E. point of S. Georges, which is from thence ten leagues afunder, Further betwixt the Pico & S.Georges through to Fayal are 16 leagues it lieth most W. N. W through betwixt them and the Hand Fayall lieth to the west-

wards of the Hand of the Pico a great league a funder of from it He that will anckor in the Road of Fayall, let him anckor right before the village of Fayall in 14 or 15 fathom, there is

longft to the fouthwards off these Hands, or to the northwards about by the shore, untill that you see the haven open, saile aof them, as they will, and also betwixt them both. Betwixt these longst about by the S. west point untill that you come in the little llands and the maine land of Tercera, it is a great cannon narrow, betwixt the rocks which lie of from the Well fide, fo

Off the Tydes and Courfes of the freames.

| 1   | From cape Spartel to cape Cantin it is Southwest southerly.     | 65 leagues     |
|-----|-----------------------------------------------------------------|----------------|
| J   | From cape Spartell to Madera w. and by fouth and well f. w.     | 200 leagues    |
| 'n  | From cape Cantin to Madera well                                 | 133 leagues    |
|     | From cape Cantin to S. Vincent N, fomewhat westerly             | 90 leagues     |
| ٠l  | From cape Cantin to Teneriffe S. weft and by weft               | 142 leagues    |
|     | From cape Cantin to cape de Geer fouthfourthwest 50 6           | or \$2 leagues |
| ı   | From cape de Geer to cape de Non fouth f. w. and f.bv w.        | 27 leagues     |
| 1   | From cape de Geer to the point of S. Cruz foutheast             | - cleagues     |
| , I | From cape de Nonto Ofsin fouth                                  | x3 leagues     |
| 1   | From cape de Non to cape de Bajador S. W. and by west           | 69 leagues     |
| ٠   | From cape de Geer to cape de Bajador f. w. fomewhat wefterly,   | os leagues     |
| :   | From Saffa to Madera east and well                              | 130 leagues    |
| J   | From cape de Geer to Madera west northwest                      | 133 leagues    |
| ١   | From S. Michiels to Tercera northwest and by west               | 3.4 leagues    |
| 1   | From Tercera to the eaftend of S. Georges w. f. w.              | Toleagues      |
| . 1 | From the east and of S. Georges to Fayal w. n. w.               | 16 leagues     |
| 1   | From Saint Michaels to de cape de Finifierre e. n. e.           | 247 leagues    |
| 1   | From Tercera to Roxent, or the River of Lisbon eaff at leaff.   | 267 leagues    |
|     | From Tercera to cape de Finificare e.n. e.and eaft and by north | 28 o leagues   |
| ٠   | From Tercera to the Lizart northeast and by east.               | 287 leagues    |
|     | Heights.                                                        |                |
|     |                                                                 |                |

Mafagam lyeth in

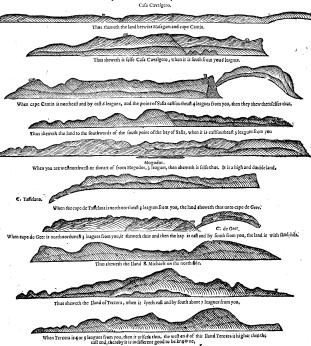
Andground; but there goeth a hard tide of Bood and ebbe.

On the f. w. end of the Iland Fayall lieth a little haven; for

C. de Geer is 90 degr. G. de Noin in 36 degr., 32 m. C. de Bajadorin 27 degr.

C. de Geer is 90 degr. G. de Noin in 36 degr., 32 m. C. de Bajadorin 27 degr.

How these Lands doe show them selves at Sea.



## The seventh demonstration.

In which are to be feene the Canary Jlands.

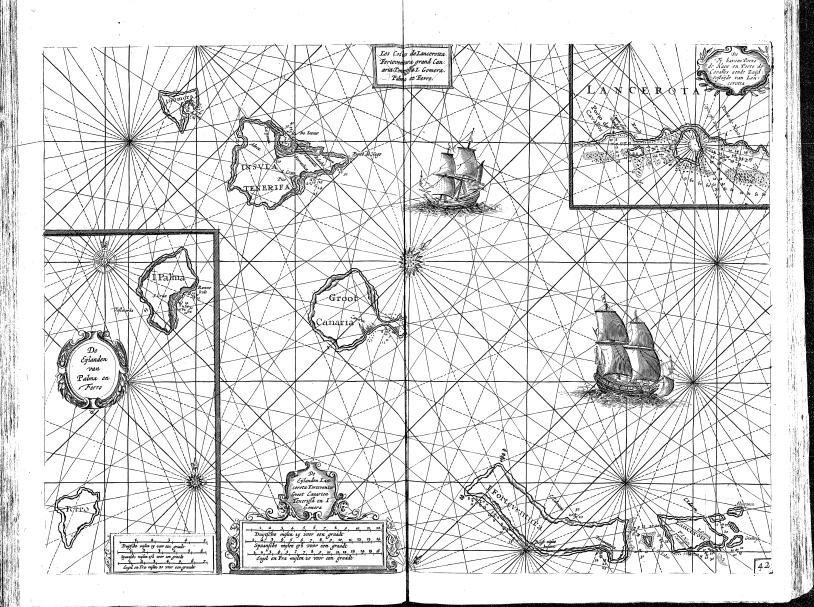


Alagrance and Grotiofa, where men may come infrom the n. lett the rockes doe flow a good wayes on both indies under wave and and ple and lock for all winds, it is deep here 1e, 15, and 2 o fathom, and they may faile out again to the f. wards along by Lancerota. At the c. file of Lancerota is good road lands, the northermoff is the greateft, at high warer men before the Towns of Lancerota, there lieth a banck to the n. lowards ofit, which men must avoid, & run about to the f. wards offit, which men must avoid, & run about to the f. wards offit, which men must avoid, & run about to the f. wards offit, which men must avoid, & run about to the f. wards offit, which men must avoid, & run about to the f. wards offit, which men must avoid, & run about the form the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and the first office and t one the fide by allo a bad havens a great fluor of a call peece old Cattle fallen downe, which hereto fore bath beene for one from the other, the northermost is called Porto de Noas, led by Englishmen. From the fouth fide of that little Iland & the fouthermost Porto de Cavallos, which we have demon- shooteth of a riffe, and to the fouthwards or the westwards of it ftrated in a large volume in the n. w. corner of this card, and lieth in the Barre, which is very narrow, not above ten fathom flowed the depths with numb.of feet at high water and fpring-broad, upon the maine land fland allo two little beakons, as at

ground 30, and 34 foot deep at high with a fea wind there can a little Church, where they have Maffe faid on Sundayes, when

HE chiefelt Hands of the Canaries are 7 goe here a gg: at fea, but that happeneth feldome, for the winds in mother 1, Jancerota 2, Forteventura 3, era Canaries 7, Teneiro 4, Service 1, Se upon the N. E. end, betwixt the 2 Ilands a halfe. The havens mouth alfo is not broad, but at high wa-Alagrance and Grotiofa, where men may come in from the n. ter the rockes doe flow a good wayes on both fides under wa-

Porto de Naos, which you must bring one in the other, and Porto de Naos, the deepelt of these bad-havens, goeth in n. faile so right in At high water and spring-tide there is no more to not be the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the stat jou must bring and keepe one in the other, and faile to right in through betweet the 2 to refaid ledges of rockes. The showld where jou may lye a ground without an danger, with a shippe eft of the Barre betwixt the 2 ledges of rockes, is but a fhort that draweth tenue or eleven foot water. At the highest water, fpace, a great hippes length long and is deepe at high water the most part of the rockes on both fides of the havens mouth, a 7 foot, and at low water 7 foot, fo foone as jou shall be over; it lie under water, fo that at many places men may goe over them will preferrly 20, 24,26, and 28 foot deep then jou must edge with boats. At low water there remains the in this factors mouth up n. and then preferrly n. e. anckor behinde the rockes which no more then a foot, or a foot and a halfe depth, fo that a shipin the individual of the Barre, in the Changel the ground per both cannot go in invitinition in leadflock for all winder, is rocky, hard, and uneven I failing flouid come to firthe there, it flouid prefearly be broken. The ledge is for which use in it in both thefe havens a fand by wand, as by we more maketh within, very fleep, for har journay come very close unto it, high water. Neare the Havens there are no houses where Spanish and the control of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second where the anckors stand marked, it is altogether cleane fandy- jards or Noores doe dwell, then only by Porto de Cavallos



nes to the town, which lieth 3 leagues from thence. He that Oratama. wil come here must provide himselfe with fresh water for thethere groweth neither fruit nor wine. In some good years it lying except it be with a south-west winde, which bloweth giveth out Wheat, Barley, and Orfilly, the Inhabitans are there open in.

Mores under the command of the King of Spanie.

From Tene

led Ile Lobos, which is on the outer fide, to wit, on the northweftfide, very foule. Men may ankor on both fides of that Iland the northwards, and defireth to anckor in the road, let him run in 15 or 20 fathom also in 6 fathom a shot of a cast peece fo far in the Bay untill he be to the fouthwards, or past the fourthweff and by weft from the weft point of the Hand, there-head, or the bridge, and anckor there in 25 or 30 lations. In men may lie land-lockt for all windes, except for an northweft winter time men mult not ankor fo near the ftraud because of and four heaft windes. The coaft of Furteventura is at the thef. e. or f. f. e. windes, for then they should lie to ) near the northeaft end very foule, with many riffes that lie out, whereu- ftrand. Men lye there morred with two ankor for the fea winpon the fea doth break exceedingly.

or 20 leagues diffant. The road thery lieth, at the eaftfide of te rock with a croffe, there is the best road. A little to the the lland, behinde the northeast point, thwart of a Castle stan northwards of the town, is a faire sandbay, there is good ankodeth upon a Chindle. The forelaid n. e. point, is a very high ring in 20, 30, or 35 fathom according as men wil lie far off, point, with a long finall and low fandstrand fast to the other the Road is called the Rammell road. When men lie in the roland : fo that when it is 5 or 6 leagues n. w. or f.e.from you it ad of Palma, they may fee the Pieck of Teneriffe lie eaft fourth feemeth to be an Iland afunder off from the other land. If you eaft from them. The Iland Palma is very high and ful of trees. defire to go in there into the road, then faile about by that n.e. | whereby it is good to be know. point, along t by the Holettes, leaving them on the starboard fide of you, until that the Castle do lie near about n. w. and by men lade wines called Tassa Corda. n. from you anckor there in 8, 9, 10, or 12 fathom, then lieth the north point n. e. and by n. and the f. point fouthfoutheast the Hand Gomera, which hath on the N.E. fide a good haven the north point is and by the and its report your from you. At the fouth-end of the great Canaries is a faire of to fathom deep, where is good lying almost foor all windes, but there is a good road for foutherly better then in any of the other Hands, but there is nothing to fandbay called Mafpalomba, there is a good road for foutherly windes, and fresh water to be gotten.

point of Teneriffe called Punte de Nago, lie westnorthwest, & E. S. E. diftant 2 1 leagues. In Teneriffe is a road on the g.east | east off from it about 5 leagues. fide before the town S. Cruz, there is a faire fand-bay, a little to the northwards of the town is the best road in 20, or 24 fa- west and by north 16 leagues. thom, and then Punte de Nago, the N. E. point of Teneriffe lieth n.n.e.from you, and the f. point f. and by west. When the Pico of Teneriffe is w.f.w. from you, then are you open before this road of S. Cruz, and when you lie in the Road of S. Cruz, you may fee the Hand of great Canaries foutheast from you ahour 12 leagues.

On the n. w. fide of Teneriffe lieth the road of Garrichica from the n. e. point Pante de Nago w. f.w. and f.w. and by w.8 or 9 leagues. He that will ankor beforeGarrichica, let him ancon, fo that the forefaid rock do lie f. e. and by e. and f. e from him, then he shall lie right before the town, and may see right into the ftreet of the town, thorow the Cloifter of S. Dominicus there is clean ground in 36 or 40 fathom the Pieck lieth then over the w. fide of the town , nearer to the land, or to the rock then in 35 or 36 fathom it is not cleane, and westwards towards te riffe Lapania it is also foule ground. This is a dangerous road, therefore every one that cometh here, must be very carefull to have their anckors, cables, and failes very preedy & ready for to shift roads as soon as it beginneth to be a storme.

There is also a little haven before Garrichica, where men | F may lie with a few ships. For to sayle in there, you must have a Pilot. On the west fide of the havens mouth lieth a rock under water, but the feabreaketh alwaies upon it, you may ancker a within in the haven in five or fix fathom, and must bring two aukors out a head to feawards, with a cable on the rocks, and an anckor out a ftearn, on the land, fo that the fhips can not wend to & againe, the ground is there foule, you must buye up your cables with buyes and cask for to keep them from the ground. This is a good haven in Summer, then it is commonly good From Cadera to the G. Finitterren. e. and by n. fomewhat northerly 241 leag weather, but in the winter it is not good to come in there with a ship, for the grown sea out of the n. w. commeth running in there fometimes fo forcible and ftrong, that it not pof- The Hand Lancerota lieth in ning in there fometimes fo forcible and throughtait into topol.

The land factoreal identification is the fame to be forcible and throughtain to a not consider to the fame to be presented of the great Canaries lieth in hapened certain years path, that there was loft in the fame to the fame to be forced and a great many house of the fame to be forced and a great many house of the fame to be forced and a great many house of the fame to be forced and a great many family to the fame to be forced as the fame to be forced as the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the family and the fa towne washed away with the great water.

when walhed away with the great water.

Betwixt Garrichica and the east end off Teneriffe, are three Porto Santo in

thippes lie there. Men go from thence betwirt the Mountai- lade place more for to lade wine at, as Maramela Relecho, and

At the f. w. end of Teneriffe lieth also another little haven ere is very feldom fresh water to be gotten. Upon this land or Bay where is much wines laden called Adessa, there is also

From Teneriffe to the Iland la Palma, the courfe is w. n. w. Betwixt Lancerota and Forteventure lieth a little Hand cal- 20 leagues. On the f. e. fide the Palma lieth, a faire Bay, with a de, with a fmall ankor out a fteam for to keep the ship right in The land of great Canaries lieth from Forteventura: w. 19 the road, there lieth to the eastwards of the towne a high whi-

On the fouth west side of the Palma is another place, where

About s leagues west from the west end of Teneriffe , lieth lade: Men may also anckor without before the haven in twenty The north point of the great Canaries, and the northeast | fathom, but they must shift roads there as at Garrichica.

The road of Adeffa in Teneriffe lieth right over against it,

The road of Palma lieth from this baven in Gomera north-The Hand Fero lieth from the Hand Palma fouth and by west, distant 13 leagues.

## Of the tydes.

On the Handes of the Canaties maketh at the most places the natural ty-le, to wit, a fouthwest and northeast moone the highest water,

### Of the Courfes of the Sunne.

From the west point of Forteventura to the Iland of great Canaries east and or 9 leagues. He that will anker beforeGarrichica, let him anckor to the weft wards of the rock with the crofle called the LiFrom the north point of the Canaries to punte de Nago the north eaft point of Tenerifiew, n, weft

at leagues
from punte de Nago to Garrichica weft fouthweft and fouthweft and by weft

| 8 or 9 leagues                                                  |               |
|-----------------------------------------------------------------|---------------|
| om Tenerific to Ile de palma welt north welt                    | 20 leagues    |
| om the west end of Teneriffe to Gomera west                     | 5 leagues     |
| om the palma to ferro fouth and by well                         | 13 leagues    |
| om gyear Canaries to Salvages northnorthweit                    | 40 leagues    |
| om Garrichica to Salvages n. n. c. 294                          | or 30 leagues |
| om Teneriffe to the Ile de Madera north                         | 71 leagues    |
| ym ercar Canaries to the eaft end of Madera n. and by w.        | 81 legaues    |
| om the palmato Madera n, and by east                            | 53 leagues    |
| om Solvages to the Serters of Madera north                      | 50 leagues    |
| e outermost of the Serters lieth from Madera                    | 4 leagues     |
| om Madera to S. Michaels R. W.                                  | 136 leaguee   |
| om the well end of Forteventura to the cape de Bayader f. f. w. | 20 leagues    |
| om Lancerota to the cape S. Vincent n. n. e.                    | 165 leagues   |
| om great Caparies, to Cales portheaff                           | 249 leagues   |
| om over Canaries to the cape S. Vincent n.e. and by n.          | 210 leagues   |
| om great Canaries to Roxent II. n. c. fomewhat eatherly         | 140 leagues   |
| om great Canaries to C.de Finisterren, n.e. somewhat norther    | ly 270 fear   |
| om Teneriffe to the Lizart, n. n, e, diftant                    | 467 leagues   |
| om the palma to cape Vincent northeast                          | 224 leagues   |
| om Madera to cape de Geer ealifoutheuft                         | 133 leagues   |
| om Madera to Safia eaft                                         | 130 leagues   |
| om Cadera to Cales east northeast                               | 200 leagues   |
| om Cadera to Roxent northeaft                                   | 173 league    |
|                                                                 |               |

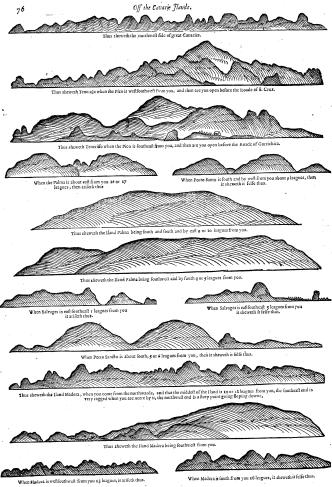
## Heights.

28 degrees 35 minutes 28 degr. 40 minutes 52 minures 32 degreas 32 degrees to minut 33 degree

How these Lands doe shew them selves at Sea.

Hil with the Mizes,





FINIS.

The first part

THE FIRST BOOK

OFTHE

# FIERIE-SEA-COLVMNE,

WHEREIN

The Description of the whole

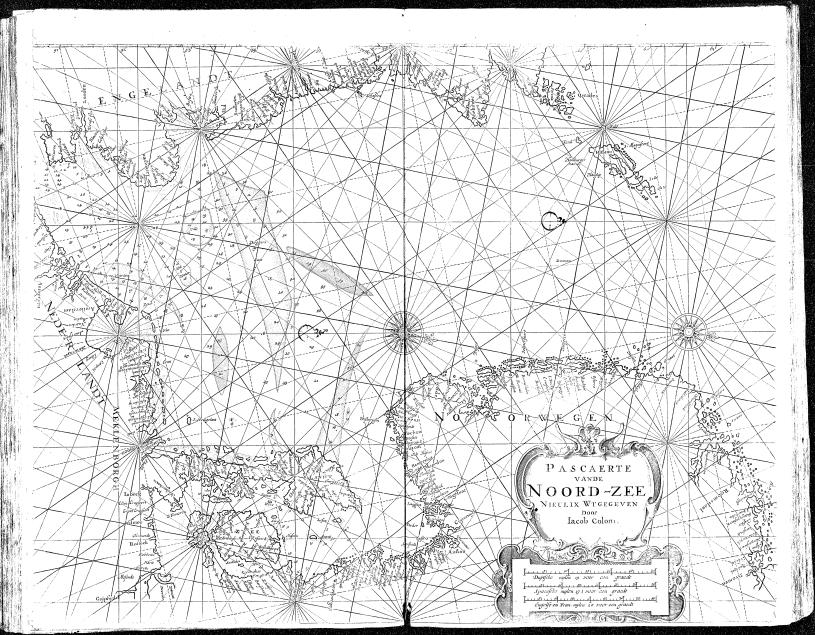
# NORTH-SEA.

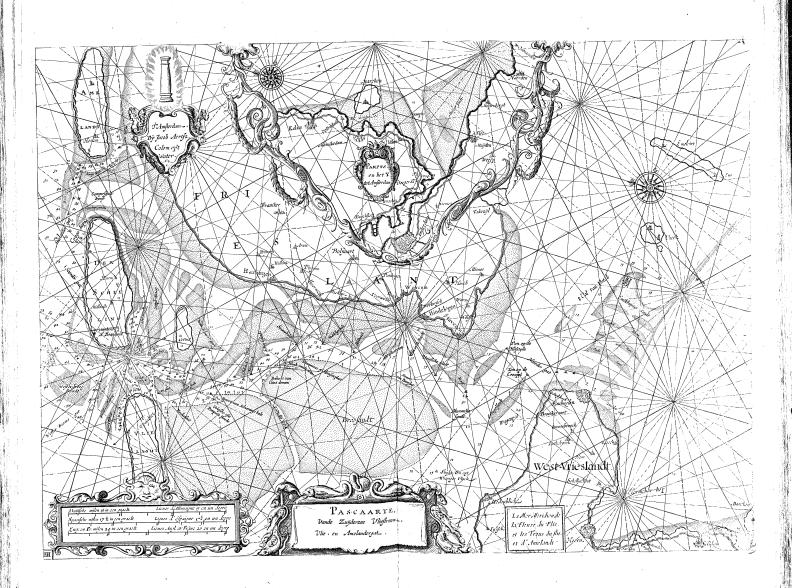
VVith priviledge of the High and Mighty Lords. the States Generall, for twelve yeares.



Printed at Amferdam ,

By Iacob Columne, on the water, in the Fierie Columne,





## The Second part of the Firie Columne

THE FIRST BOOKE.

Of the

## EASTHERN and NORTHERN NAVIGATION.

The discription of the North-Zea, the coast of Holland, Friesland, Halsten, Iutland, Meklenbergh, and Denemarch to Ualferboen, in the lland of Rugen, and with all the coast off Norway to Dronten, as also the salfide of England and Schotland.

## The first demonstration,

Where in are described the south sea, the V liestreame, the V lie, and the channell off Ameland.

The old thwart markes of the buyes are taken away.

The old thwart markes of the buyes are taken away.

Staverne, then you come right thwart of that forefaid plate. the Kiepl. The imarkes of the baye upon the Crey, a command of MeThe thwart markes are a high house on the east end of Couor east fide of the cliffe. The right farewaye there is four faeaftwards of it. From the buye upon the Creyl to the buye upon the Freefe plate, the courfe is north and by eaft: When the buye, that is a good thwart: the long ft marks are, the sharpe man parte and the Creys. Detwixt the Duye upon the Creys, and the Freefe plate, on the weft floare, along the Reach, yeth a hard fand, called Monickfand, which men may be foul yeth a hard fand, called Monickfand, which men may be foul and the strength of the buye upon yether to green the west and the strength of the buye upon yether to green the west and the strength of the buye upon yether to green the west and the strength of the buye upon yether to green the west and the strength of the buye upon yether to green the strength of the buye upon yether to green the strength of the buye upon yether to green the strength of the buye upon yether to green the strength of the buye upon yether to green the strength of the buye upon yether to green the strength of the buye upon yether to green the strength of the buye upon yether to green the strength of the buye upon yether to green the strength of the buye upon yether to green the strength of the buye upon yether to green the strength of the buye upon yether to green the strength of the buye upon yether to green the strength of the buye upon yether to green the strength of the buye upon yether to green the strength of the buye upon yether to green the strength of the buye upon yether to green the strength of the buye upon yether to green the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the strength of the str

of, if they runne fomewhat to farre to the weltwards. and by eaft (with a shippe that draweth but little water) over fareway betwixt West-Worckum and Yghelhoeck the right led Wet worksum, but with flippes of great draughts, you wet flippes the believe the help fareways. For to finde the deepet water the lemants: the two flampe freeples Arum and Fingern one upon the flat is bring Pandragen, a little flat fleeple (flanding in the other about northeait from you; or Bolfwert right to to the weftwards of Worckum) to the weftwards of a little vilto the wettwards or worksum J to the westwards of Worksum, and king, which flander half to the wettwards of Worksum, and king, which flander half to the wettwards of Worksum, and king for right with it; that is a good longthmarke of the buye. The longth marks are: Kingwart, (that is the remainder the proportion of the proportion of the wettwards of the buye. The longth marks are kingwart, that is the remainder the proportion of the wettwards of the buye. The longth marks are kingwart, that is the remainder the proportion of the wettwards of the buye. The longth marks are: Kingwart, that is the remainder the proportion of the wettwards of the buyer. The longth marks are: Kingwart, that is the remainder the proportion of the wettwards of the buyer. ther, to the northwards of Staveren, then you have the length fide, upon a pointe that lieth our about to the northeaft and of the buy, which lieth on the weft fide of the Plate, you must by north from the buye, or when the flat Reeple of Wynaem runne alongft to the westwards of it, there is the deepest water: when you come from the northwards, you might fayle & the east endof Harlingen, then you are right in the Middlewithin the Freefe plate on the east shoare.

Ow men shall sayle from Amsterdam to Urck (about | northeast, until that Pandragen come betwixt the little vil-Enchuserfand) and from Enchusen to the Crippel and lagie and Voorwolde. If that you have then the cliffe through Creylis described in the first demonstration of the Staveren, then you have the deepest water upon the showldest first booke concerning the Western Navagation.
The thwart markes of the buyes, both upon the thereby unto the buye in the Bight, and along it to the westwards Baye in In the set of the huyer markes of the huyes, both upon the herry unrothe buyer in the Bight, and along the other wethwards name have Cripple and Hoffftede, are Cocotebroeck and Hern woo harp of it, which thist right in the larewayer in intercolour busta buging hugonine in the cher, and Warnis, a little fram pongft freehe in Freehald to the fouth fide of the Cliffe of Staverne, and the state of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry of the cherry them in three fathom, the one on the east shoare, and the other on the welf floare upon the tayle of the Cripple. There is in the right farewaye, two foot leffe then five fathom, and come in the farewaye of the buye of Welt-worckum, that is a

broade, then you are cleare of Cripple fand, and palt it; goe then on northweft, and northweft and by north to the buye they fland in four parts. Betwixt the buyes upon the Freede upon the Creyl, according as the winde and tyde shall be, the plate, and in the Bight is the showldest of the flatte. When the rigt farewaye there, is deep five sathom scarce. Thwart of buye in the Bight is on your broad side, then go on north and The Rep! the Creyl, in faling out, or about the Creyl, in faling in, that is a little within the Creyl on the northfloar, lieth along the working which lieth on the catt thoat in fixture is a little within the Creyl on the northfloar, lieth along the reach towards the buye upon the Hofftede, a hard fand or water, upon thefe marcks: a little flager freelye, far within the cream of the catt the catt floar in fixteen foot at low water, upon thefe marcks: a little flager freelye, far within the catt floar in fixteen foot at low water, upon thefe marcks: a little flager freelye, far within the catt floar in fixteen foot at low water, upon the flager flager freelye, far within the catt floar in fixteen foot at low water, upon the flager flager freelye. South plate, called the fouth Creyl, upon which there is no more the land called Harich, commeth over a little village, to the then twelve foot water, at low water, betwist that banck and the northificare it is three fathom deepe, and foft ground, and thwart of it is three fathom. The old markes are two villages to the fouthwards, or the westwards of it, foure fathom and au next to Mackum, upon the water side, shanding N. E. off from halfe. When Mirnes, a little flat steeple in Freesland, cometh it, when these standard ittle afunder, one from the other, you over along countrie house to the fourthwards of the cliffe of seeyet two little steeples somewhat to the northwards of Bolfwaert, almost one to the other, neare about as the other upon The markes of the buye upon the Creyl, are that sharpe the water side fraud a sunder; the one is called Idsegahuysen. denblick, and that little flat freeple of Mirnes to the fouthfide dom, that commeth with in a capftone barres lengt to the fouth end of Hiolopen, From thence to the buye upon Yghel-Iglehocel thom and an half, and five fathom deep, foft ground, the buye hoeck, the course is north, the markes there of are, a little lieth in four fathom, if need buye lieth in foure fathom, if harpe freeple with the first long village to the northwards of need require, men may runne wel a cables length about to the | Worckum, called Geeft, when that little steeple commeth in on the Frence plate, the control is during and by each whether the plate of the control is during the frequency of the plate of the control is during the frequency of the plate of the control is during the frequency of the control is during the frequency of the control is during the frequency of the control is during the frequency of the control is during the frequency of the control is during the frequency of the control is during the frequency of the control is during the frequency of the control is during the frequency of the control is during the frequency of the control is during the frequency of the control is during the frequency of the control is during the frequency of the control is during the frequency of the control is during the frequency of the control is during the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of the frequency of t

From Yghelhoeck to the middle ground the course is Middle When you are come about the Creyl, you may goe on north north, the right deepe in the Middle ground is 7 fathom in the grounds. the tayle of Broad-fand, right to the buye upon the fand, caldeep is four fathom, foftground, the east shore is flat and the buy, when as that Warnes and the Mirnes come one in the offarewaye. The Church of Surigh standeth upon the water ground, on which fide that Wynaem flandeth nearest unto, the Being past the foresaid buye upon the plate, goe on north-

are Boliwaert a little short house to the fourthwards of Cornwaert. When you runne over betwist the buyes of the Mid-rie, very strong out of it upon the taile of Schierings hals, dle-ground and Swanebalgh on the east shore more easterly whereby many stips are miscarried. then in three fathom, that you come againe in four or five fatnen in tirrec tatiom, that you come againe in rour or me ta-thom, you might [in falling out] fail behind the fhoulds of Swane-ballph, or whenyou are bound in behinde the flowlds of the Middle-ground, the welf floare the found in four fathom, or three and a half, over against the buye hals in nine fathom. upon Swane-balgh, on the west shore is good ground for to an | From Schieringshals to Longsand, the course is northwest Longsand

11.5 7 and 8 lathom, the werthore is mainterent nar, which permany, then you have the reagin of the buye algority you may found indifferent flat, which you may found in 4 far Longfand. From Longfand to the Slove the courfe is forth thom, the eaff flower is feepe, but a little without the buye; is northorothwest, the right deepe is tenne fathom, or men run flat all alongft to Keesheeck, and you may found it all alongft by the beakons upon Crakefand untill they come into Hat all alonglt to Keeshoeck, and you may found trail alonglt it anonget by the Death of the More over againtf Schuytfand, or a little to the fourthwards of iting fathom, or 3 and a half into Deathalgh, behind a tayle Point of of fand, called the point of the Waert, but keeping in 4 fathom les, and to the weltwards it is a land ful of thort low hommocks with a mill upon the water lide, and a vitage with a little rate. Repele to the foutboards of Mackum, called Jdigsplaying in Repele to the foutboards of Mackum and that village when Pandragen comment betwick Mackum and that village in the production of the Elyahad Jyeth the Schellingh, To distance the production of the Plychad I yeth the Schellingh, which is shout three legacy long. Upon it fland four churches you have been produced by the production of the Plychad I yeth the Schellingh, To distance the production of the Plychad I yeth the Schellingh, To distance the Plychad I yeth the Schellingh, To distance the Plychad I yeth the Schellingh, To distance the Plychad I yeth the Schellingh, To distance the Plychad I yeth the Schellingh, To distance the Plychad I yeth the Schellingh, To distance the Plychad I yeth the Schellingh, To distance the Plychad I yeth the Schellingh, To distance the Plychad I yeth the Schellingh, To distance the Plychad I yeth the Schellingh, To distance the Plychad I yeth the Schellingh, To distance the Plychad I yeth the Schellingh, To distance the Plychad I yeth the Schellingh, To distance the Plychad I yeth the Schellingh, To distance the Plychad I yeth the Schellingh, To distance the Plychad I yeth the Schellingh, To distance the Plychad I yeth the Schellingh, To distance the Plychad I yeth the Schellingh, To distance the Plychad I yeth the Schellingh, To distance the Plychad I yeth the Schellingh, To distance the Plychad I yeth the Schellingh, To distance the Plychad I yeth the Schellingh, To distance the Plychad I yeth the Schellingh, To distance the Plychad I yeth the Schellingh, To distance the Plychad I yeth the Schellingh, To distance the Plychad I yeth the Schellingh, To distance the Plychad I yeth the Schellingh, To distance the Plychad I yeth the Schellingh, To distance the Plychad I yeth the Schellingh, To distance the Plychad I yeth the Schellingh, To distance the Plychad I yeth the Schellingh, To distance the Plychad I yeth the Schellingh, To distance the Plychad I yeth

Mackum, then you are to neare the east shore. From Schuysfand to the buye upon Keeshoeck, the courfe moth is flurp, and is called Midlands. To the caltward flands is wetherorthwelt, or northwelf and by welf according as the a high flurp fleeple called the Horn, and chappel called Sout wind and typeksfallble. In that long reach goe lite more then I blus. Upon the east end typehigh white fandhills, and upon half tides alongft the deep, the afterflout and fore-ebf fall the welf end fleich but one called the Lite, betwits midlans and whaterover there to the welf wards, and the after-ch and frore-the fall the welf end flands the welf end flands the welf end flands the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands the flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end flands that the welf end Reeshoed, upon Keeshoeck, are Franker steeple betwixt the mille and the towne of Harlingen, or to the maftes of the Shippes which

This buye lieth on the east shore, the right farewaye thwart

of lead.

Befor run both, by fome called the Schor tun and by the Pilots the buye betwixt the two tayls of fands, not without a great danger with or the buy upon the Ellebowe: and from thence to the buye upon Wolfi- a westerly winde, where they must go out back againe. Com-

over it in three fathom, and come againe in five fathom to Schiringshals the confe is northnorthweft, and northweft Schirowards Frielland. From the Middle ground outwards to the and by north according as the winde fhall be. To the north-Flye, you can fail within no tailes of fand on the weithhore. | wards or to the eathwards of the buye upon Wolfshoeck goeth Eye, you can an whim no cause or and on the well-tubers.

Being patighe buye in the Middle-ground, then good on onthors of the tuber of the median state of the median state of the median state of the grounds, foldered in three fathom on the call floors, the thwart marchs there of the fathom on the call floors, the thwart marchs there of the median state of the median state of the state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median state of the median sta

and northwest and by north, betwixt them both on the west From the Buy upon Swanebalgh to the Buy upon Schuyte- shoare it is shallow water, and the best roade of al the Flye fand the course is N.W. somewhat northerly: the thwart marand the courle is N.W. Iomeoluta northeely: the thwart mar-litrame, there goet allo little tyde. The right (deepe is eight, kes there of are Wynaem over the heipheld part of Harhagen: innead and ten fathom). Longfland men might fady within it on the longft markets are, Bolfswear the northwards of the Shiry, the eaft fhose; in fayling op, but if they keep themselves in 6-months which lich to the northwards of Woers, it his hey kept in my considerable the northwards of the Shiry, the eaft fhose; in fayling op, but if they keep themselves in 6-months which in the considerable the second of the shirt of Boss. Of fathom out the word when the second of the shirt of Boss. Of the shirt of Boss of the shirt of the shirt of Boss of the shirt of the shirt of the shirt of Boss of the shirt of the shirt of the shirt of Boss of the shirt of the shirt of Boss of the shirt of the shirt of the shirt of Boss of the shirt of the shirt of the shirt of Boss of the shirt of the shirt of the shirt of the shirt of Boss of the shirt of the shirt of the shirt of the shirt of Boss of the shirt of the shirt of Boss of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of the shirt of th

from that thoare, you can not take hurt of it. In failing up with or nobbes. Upon the west end standard a Church with a mill from that floare, you can not take hut of it. In failing up with or nobbes. Upon the west end standeth a Charch with a mill a forstood, keep the eastshore, or els you should be lightly car- to the eastswards of it. From the west end shooteth off a sille rich there with strone to be great ballong, behind the Wart, a good wayes into sea. To the westwards of this rifle, behore you should be aware of it. Upon the poynt of that twist Filedan and the Eyerland goeth in a deep, called the wart standesh a drift beacon, and a to the northwards or the Westgrant, or Westfield deep, which is not for great shaps, westwards of it. which men doe call the beacons of Classoo.

but noted to the find the standard of the west of the standard was the standard of the standard of the standard was the standard of the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the standard was the s

men yournam go chair of the control and the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of the part of th facekum, then you are to neare the east flore.

from Schwyfland to the buyeupon Keeshoeck, the courfe most is flare, and is called Midlands. To the eastward stands

### Stortemelch

For to fayle into Stortemelck (that is the Land deepe of I his buye tern on the east more, me ruput tarewaye thust of this is eight, use and ten fathom deeper of the seght, use and ten fathom deeper of the seght, use and ten fathom deeper of the seght of the seght of the segment of the s Betwirt resulted and semipreman, or between the deal power, and the mid of men of other, which that then kens of klasfomen and the poynt of the water lythe a little from you foutherfall and by eaft, or a little more ealterly, fayd arrowe plate along the rach, almost in the middelt of the large which then, and you find fall right with the outermost have the subject to the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property farewaie nearest to the well shoare, whereupon it is not deeper buye, which lieth in five fathom upon the butermost point then four fathom, or three fathom and an halfe, when men of the long banck, which banck is on the northfide judiffeturne to windewards the vare over it with two or three eafts rent flat, fo that when you come from the north, you may run alongft by it upon your lead in five or fixe fathom, and io Westwards from the buye upon Keeshoeck lieth the Old. Flie, it lyeth in first fouthfouthwest, and then forth to the need) run alongst somewhat to the eastwards of the outermost buye upon the Neffe, in the Teffel fream. The after floud buye, over the end of the long banck in three fathom; or 16 with the fore-ebb fall in very ftrong into this channell. In fay-tour the fore-ebb fall in very ftrong into this channell. In fay-ling upwards you might fayl within it in four fathom. The cond buye, but a good wayes alongft to the wellwards of it, marks of it are, the fleeple of Franiker right to the fourthwards which lieth even the fourthwards of a poynt of another nar-for the fleeple of Harlingen. From thence outwards off unto row tayle of fand, upon which thwart of the buye is but eleven Schieringshale the welf floore is very freep, in eight fathom foote water, betwirt that rayle and the long banck runnersha you shall be close by the shoare. The fareway betwirt these creek to the eathwards into the grounds, of five fathom depth. you shall be close by the moare. The lareway between the buyes, and thwart of the buye upon the Elbowe is tenne and buyes, and thwart of the buye upon the Elbowe is tenne and lithappeneth sometimes that the shippes that come over the buyes and the buye upon the Elbowe is tenne and lithappeneth sometimes that the shippes that come over the buyes and the buye upon the Elbowe is tenne and lithappeneth sometimes that the shippes that come over the buyes and the buyes are the shippes that the shippes that come over the buyes and the shippes that the shippes that come over the buyes and the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes that the shippes t From Keeshoeck to Wolfsheeck the courfe is first north-west and northwest and by north unto the buye betwirt them to it, but they run into the forestard shoare or creecke, in hoeck, north, or fomewhat more cafterly, which lyeth in four ming from the weftwards along they Flieland in foure or five fathom, you shall not also sayle to run in fight of the foresaid From the buye upon Wolfshoeck unto the buye unto outermost buye. He that falleth about Stortemelck by night,

melek lye y black buyes, and one white buye, in fayling in you upon which before in the comming in there lieth a buye, be-mult leave al the black buyes on the larboardfide, & runalongth twixt the fame buye or the small drye place and the forestayd to the fouthwards of them and the white buyes on the star- Beacon is the deepest water, but you must runne in close by the board fide, like as al other white buyes as well in the Booms- Beacon, for not to be mis lead with the ftreame, which doth gat, the Jerting, as upon the Flye streame. The second buy fall there thwart over the drye Plate, beneath and betwirt the called the outermost Droge dry, lieth in 11 foot upon the small drye place, and the Rosin-plate, is it wider, and the Rosflowldeft of the channell, to the fouthwards of it also is no begat firetcheth fouthwest and fouthwest and by west in Being more ten eleven foot water, but a little within, it is againe fix- through the Robbegat, there runneth the ftrand of Vlieland, teen foot deep. The third is called the innermost Droghe dry, where you may passe along close by. which lieth in fixteen foot, the right deep betwixt them both is 3 fathom. The fourth is called Heyck hoock, betwist this it is in the fareway five fathom deep over against the fourth Forto faile into Wester-beams gat, or hole comming our lieth the white buye at the ftrand, thwart of it runneth of a lit- of the west, bring the Cape & steeple of Brandaris over against tle tail from the shore, which (in fayling out ) you might faile another, which is then east and east & by fouth from you, runne within it. Upon this white buye, or unto the fourth buye from thereupon, and you finall finde theut most buye; there is a fawithin the Opin this wine buyles from the fourth to the fifth thought water, keepe the Cape and Steedpel foll flanding until you about eaft, and then more and more fourtherly. The firth buye, come by the fecond buye, bring then the Steeple a great handiscalled the outermost poyer buye, the fixth the middlemoth [fishes leagh by fourth the Cape, and faile thereupon, then you point buye, and the feventh or laft the innermost point buye.

which men might faile within when they come in , which gro-weth out fometimes as a farreas the buye, and then the Deepe that a man well could looke up into this hole, the Streame runweth out forestimes a partner are usely, and treat use legislation and the right in all allowed in the right in although it be fill weather.

Taile altogether to the north fide. From the innermoft buye you must run in ro all allong the yether tand of Flye-land, or on fouthwards the buye upon the Plate.

by upon 3 fathom, untill the fire is thwart from you, and for the Road where the Shipps (going unto Harlingen) doe fet for along upon 3 fathom unto Feyhook, then is the fire about east to unlade them felves, and east formewhat northerly from you, where you get deeper water. You may runne upon 4 fathom without round about the shore grounds. The easter Beans-gatte is not well to sayle infor one that is not acquainted there, because there are some milke as of Boomkens gat, is said to be of the lowest water, ny Irre-grounds as by Oesel. The fore-stoud salled there east-with halfe stoud it is 3 toot deeper, it sleweth upon the foresaid ny rive-grounds as by Ocie. A he fore-fund tailed there ear. What make mount is 3 not decept, it never though the fore-fided northealt through the fore-fided northealt through the fore-fided places with a file flood it is 3 foot decept; it flowes tho poor the reit goet rigit inward, unto the contrary , the fore-cbbe fallerh fore-fided places with a common tyde fit and an halfe or 6 allow edificultived; thus rever the hole, almost until halfeeb-fore up and downe. The number of the depths in the Mappe, be, before the fame falleth right out, therefore is it be ft with an office of the file and A melandee-got, are to be under flood of for manortheatt or eafferty wind and fore-cibe, to go on a good way to force as the number: gas, a fee to beunder stood of fo manortheatt or eafferty wind and force-cibe, to go on a good way to force as the number is, aby example by the uturnth by be call the Cape and cower of the call wall, and runne along Boomkersper shands e which is 66 foote, or eleven fathom thereby upon a fathom, cheigh wholey cleane and flat, until Join that is 6 foot for one fathom, the fathom, the first work of the cape the cape the cape that we will be a fathom. are within the Cape and tower. The fecond Buy lieth with it the utmost poynt of the flore-grounds, distand from the first about fouthwest and by west, the shore grounds are on the end about fourthweft and by weft, the floor grounds are on the end)

Two leagues to the callwards of Schelling liefs Ameland, for freep, that is clofe cherely a floor deep, the area (wall sin lip) in ground the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control o fformer the Sea dorth burne and brease mercupon until the 2 caucies in South and the Sea dorth burne and brease mercupon until the 2 caucies in South and the Sea dorth and th northeast, the third on the east-wall, though you may runne thereby beyond east, the east-wall there besides is very flat, the east-wall there besides is very flat, and the fare-water by well the Buye feven fathom deep. The fifth (called the buye upon Fey-hooke) lyeth also on the east-without it. wall, (though fomewhat nearer then the third) upon; fathom, For to faile into Ameland-gat, comming out of the fea, men may fayle there along by east but not farre the farewater bring the cape upon the east end of the Schelling, right over there by weft is 7, \$, and 9 fathom deep. You may faile in upon the freeple of Horne, which shall then stand from you S. S. W. the lead/till you are pall this buylalong by the eaft-wal, allo by or a little more wefterly, faile in right with them, untill that night or darke weather you need not to be atraid of any danger, the cape upon Ameland, and the freeple of Hoelme are one

let him bring the fire-beakon foutheaft and by ealt from him, unto Robbe-gar, On the north fide of the Robbegar, upon the and run in fo right it until the ecome by the floare, and he fladl top of the drye Plate, flandeth a beacon in the midlt of the run alongt to the well-wards of the outermoft buyer. In Storter. Robbe-gar, next unto the drye Plate, fitch a finall dry place,

## Wester beams-gat.

Betwire the outermost and the middlemost point buye, near the dryest place 17 look wish low water, from thence you corest to the outermost, runneth off a taile of fand from the shore, me unto 6 and 7 fathom, and so forth in the right Beam-gat,

black buyes, leaving (in failing up) the black on the larboard, and the white on the frarboard, untill you come against For to fail in at the Boomkens-gar comming out of the feather of the witter on the farboard, untill you come against the Beacons upon the wellwards bring the Cape upon the Schelling and the Beacons upon the Nakens, then jou may plainly feo the Beacons upon the Nakens, then jou may plainly fent the rone buye unto the other, faile then fo forth from you, fourth and fourth by eaft, run then right in with them, and you find the outermost buye without, the channel lime on, untill Brandaris come foldeby Grind, (but not theready on shall find the outermost buye without, the channel lime on, bloldir then 6 Randing, and runne fourthward on, you and you fhall find the outermost one without, the cummerum on housit then to randing, and runne housing are of the outermost open of the outermost poynt of the free personal, which are with which jou may underfaile on the eaff, folks, Leave the fine out upon the north fide fo freepe, that you shall be in twelve larboard, and runne there by welt along fourhoutheaft unto out upon the florts more to neepe; that you must be an every lattocard, and rumes there by west along fourthorisers for after more than the year, which they only the fourth-point of the forefaid then five foot water. Clofe to the westwards of the forefaid Hendrick Laters Plate. Over against the Beacons upon the Cape standth a Fire-beacon, whereexposis fined every night. Nates, on the fourth-wall liet two white buye, the caltermost Comming by night out of the east, you must have a care of upon a taile, which in failing off jou may underside. There the turning of the water about the wall, and runne along there-by fout, betwixt the two laft black bujes by the west wall, is

All dephts , as heere before is destribed, as well of Storte?

### 'Ameland-gat.

Two leagues to the castwards of Schelling lieth Ameland

for there within is it wide and broad. From Bey-hooke jou goe over the other, then leave the first markes, and sayle in upon

ionewhat within the outermost point or pointing from the well-wards, run along by the first and of the list there every fietee. These footfaid depth (like as allo thole of Schelling in free, or fixe fathom and an halic at low water, and the Flye) are fayd of low water. you hall not fail to fayle right upon the outermost buye, and then the Cape and Reeple upon Ameland shall also come one over the other, and stand from you east, or a little more sou therly. Comming alongst by the Schelling in four fathome you find not fayle within the Koggedeeps ground, over against then lieth the first buye on the fourth shoed Borneris, run along it to the fourthwards of it, keeping the cape and sheeple meaver the other, untill you be patt the fecood buye, which ieth threat of the well end of Kamperfand, the fareways extract the few buyes is five and fixe fathous developed the contrast failsh to the event are to the summary of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stream of the stre you shal not fayle within the Koggedeeps ground, over against then lieth the first buye on the fouth fide of Bornerif, run alongst to the fouthwards of it, keeping the cape and steeple one over the other, untill you be past the second buye, which alr lieth thwart of the west end of Kampersand, the farewaye

betwixt these two buyes is five and fixe fathome deep. the northwards of the Cape, and goe on eaftnortheast towards Gerris- the third buye upon Gerrithonden, for to avoyde the plate which lieth off from the fouthfide, towards Born-riff, on it lye two white buyes, the first over against the a foresayd third black buye, the other over against the fourth black buye, lying from the third about foutheast, leave the black buyes all on the Inrboard fide, and the white on the starboard fide, and run ne through so betwixt them both, the plate is, on the north fide indifferent flat, so that you may run to it upon the lead, reckon over Born-riffe, Betwixt the fecond and third buye in the fareway it is eight and nine fathom. Betwixt the third and the forefayd plate feven fathom. Being past the fourth buye, both sides are very steepe, and the fareway 8, 9; 10, and 12 fathom fide flat, and good anckoring in five or fix fathom, the north shoare is very steepe.

For to faile further into Horsen, go away from the bight eastnortheast alongst by the fouth side in five or fix fathom, so long until Heynooms chamoer joeing a rot tytet nome;come handfpikes length to the nortwards, or to the eaftwards of fermomen-iffe to folly land on the alt and by the Hoelm-church, anckor there in 7 or 6 fathom, you shall lye

the fecond, and you finall finde the outermost buye, which lye | there in good ground, and fineltred for al winds, also there goeth fomewhat within the outermost point of Borntiff, Con-little tyde, in this fareway it is 12 fathom deep, the northbore

At Amflerdam a northeast and foutwelt moone maketh the highest water.

At Horne, Enckluysen, and at Orck, a north and south moone.

Betwixt Cripple-land, and the Creyl, a north and by well and south and by

Of the depth about thefe places, and in what depths men may fee the lands.

The Hands Flyeland, the Schelling, and Treficience may fee in 15 and 16 fairs, the state of the schelling the state fairs for the schelling the state of the schelling the state of the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the schelling the

## Courses and distances.

Peter-fand, or the steepe grounds and Born-riffe, lye northeast and by east, and wel your tydes,efpecially be carefull of a fore-ebbe, which fal-leth very frong over that channell northorthwell into fea over Born-riffe. Betwitz the feecond and third buyers in the fare-over Born-riffe. Betwitz the feecond and third buyers in the fare-From the Flye to Linmouth or weitcaffle, weffnorthweft 90 leagues from the Flye to Hitland , the courfe is northweft , and by north , fomewhae northerly From the Five to Faire hill; northwest and by north about des are very fleepe, and the fareway \$ ,9,9 to , and to 2 fathour fleepe, goe them in former of the fareway \$ ,9 to , and to 2 fathour fleepe, goe them in former fleepel of fathour fleepel, goe them in former fleepel, goe them in fleepel, goe them in fleepel, goe them in fleepel, goe them in fleepel, goe them in fleepel, goe them in fleepel, goe them in fleepel, goe them in fleepel, goe them in fleepel, goe them in fleepel, goe them in fleepel, goe them in fleepel, goe them in fleepel, goe them in fleepel, goe them in fleepel, goe them in fleepel, goe them in fleepel, goe them in fleepel, goe them in fleepel, goe them in fleepel, goe them in fleepel, goe them in fleepel, goe them in fleepel, goe them in fleepel, goe them in fleepel, goe them in fleepel, goe them in fleepel, goe them in fleepel, goe them in fleepel, goe them in fle fterly about 69 leagues From the Flye to Rinkopper, or Numer-deep,northnortheafl, or a little more cafterly about
From the Flye to the Iland Silt, on the coast of Iutland, the course is northeaftnortheaft along it by the fouth lide in twe or inx tathom, to long untill Heynooms chamber (being a red tyled house)come From born-rifieto the Naer, the course is n, a little more easterly \$2 leagues

## How thefe Lands doe show themfelves at Sea.

Thus sheweth the Schelling when you fail alongit by it about two leagues from the land-Thus sheweth Flyeland when you are two leagues thwart of from it

## The fecond demonstration.

Wherein the Scholbalgh, Lauwers, both the Cemfes, the Wefer, the Elve, and the Eyder, and other channels of the fea betweent them.

hiermonck-oogh lieth from the eaftend of Ame- Bosch, which is grown in al alongst unto the oogh, so that thehigher then upon the eaft end)and mingled with white: the ea- unto men might truft. Rend is a long flat fland, with little low rough fandhills. When you bring the two capes upon the west end one in the other, and runne fo in, you shall finde the outermost buye, which lyeth When you set the Capes upon Rottum over against another,

which the fea at high flouds doth altogether runne over.

land eaft fomewhat northerly 2 leagues, it is a little re is no more remaining, them a narrow and showld creeck. low plaine Iland, about a leagues long, there frandeth of peciall thing upon it to be knowne, but upon the altering and uncertain channell, which is fometimes deepe, and West end two capes, with a withe sandhill, otherwise fometimes againe should, and the channelshifteth too and a-it is all whit lowe blakish sandhils, or hommocks, (but gaine, so that there is no certainite to bewritten of it, where-

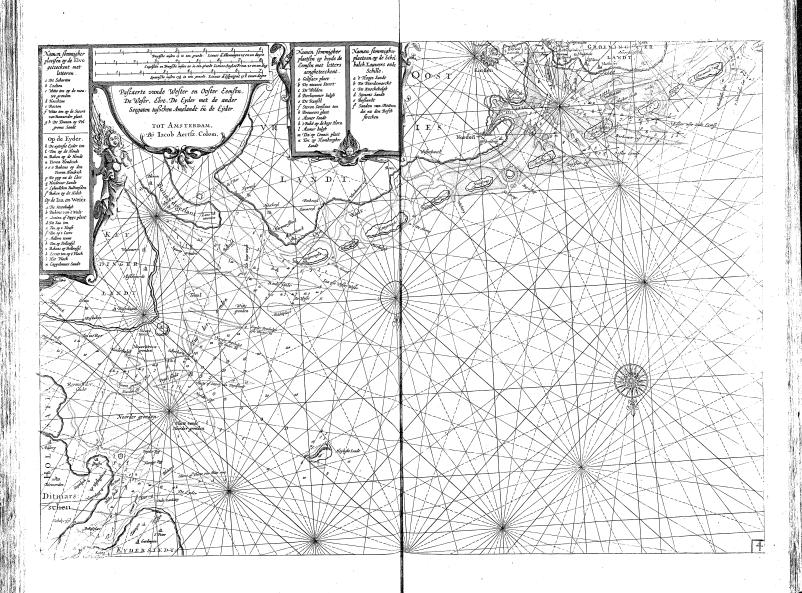
### The Older Wester Bemses.

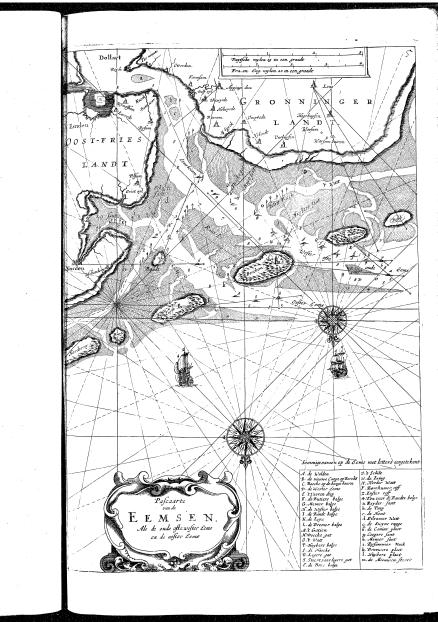
without the channell, at fea, in 7 fathom, or there abouts. So- the fame shall stand the southeast somewhat southerly commetimes there lye two and fometimes thre buyes in the chan- ming out of the fea, fayl ther frely upon, you fhall find then the nell, which you must leave on the starboard-side, and runne a- utmost buye, and you may see then the Steeple of Backum B. longst to the castwards of them, being come within the chan- somewhat southerly from you, and the west-end of Rottum nell, jou shall find also beacons on the W. shore, which you must foutheast, and by fouth, and lieth upon the taile of the manyfallow all along untill jou come to Oltmerhorn, where jou may

Bags-Plate, being a white buy, with a little wind, upon the top,

Mony
anckor. The lying in, and depths of that channell doe alter and
lying upon fix fathom with low water, being marked in the Bags-Plate. thift oftentimes, and fometimes much within a flor time fo that mappe with the letter A from the first buye unto the fecond, is there is no certainty to bewritte of it, wherunto me migt truft. the course foutheast and by fouth, marked with the letter B, Foure leagues to the eaftward of Schiermonckoogh, lieth that is the first black buye, upon 7 fathom on the fouth wal. sottum, the Hand Rottum, and betwixt them the little Hand the Bofch. leave this buy, in fayling in, on farboard, and the white buye on A few yeares paft through, fetting of fpyrie graffe or heath, the latboard then you have the steeple of Borckum from this there was grown two or three handsome sandhils, but are now forestaid black buye, east, and the Capes upon Rottum, southagaine altogether blowne away, & altered into a plaine strande, east somewhat easterly from you. From the first black buye unhich the fea at high flouds doth altogether runne over.

Betwixt the fe llands the Bosch and Shiermonickoogh was the course east and by south. Comming out of the west next wonte a channell to go in of indifferent depth, called the unto the Lauwers or Boffand, hold it off from the fhore upon Lawers, which is now most cast, to by the foresaid strand of the sive fathom, till you are past thereby, faile then freely east on,





and you shall runne within through Gelt-sack-plate upon 5, 4, | second buy, is on the inside so shorre or steepe, that you may

The Burckummer-Riffe is on the out fide, and flat upon | The third buy lieth upon the point of Brewers-plate, on brews ones-Riffe the end. When the Capes upon Rottum doe fland foutheaft the eaft-fide of Borckum, which you may underfaile, the taile plate. from you, there you can come over along the Riffe. You shall is on the northfide very steepe saile so forth cast southeast on Hour you upon the taile off the Riffe, with low water not lefted till you come next the Reakon upon high horn, there is a good then  $\sigma$  elles water for it is flat and broad, on the in-fide it is velocity of Road upon  $\sigma$ ,  $\sigma$ ,  $\sigma$ ,  $\sigma$ , and  $\sigma$  and  $\sigma$  do not be for fourtherly ry shoare and steepe, and goes in with a Bight but you may wel wind, though with a floud, you may well goe one east and goe thereon upon the lead.

confection control and maked with a single beautiful point of the properties of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the pe egoni the dout not eat the treepie course over against ano-ther (which thand foutfrout beeff from each other; then you are next unto Heyberts-buy, goe then eaffoutheat on, 1til are next unto Heyberts-buy, goe then eaffoutheat on, 1til the innormal Huyberts-buy (1) which lich also as a the first the innormal Huyberts-buy (1) which lich also as a the first the innormal Huyberts-buy (2) which lich also as a the first the innormal Huyberts-buy the plate a Beakon, Huiberts-buy upon 6 fathom, on the west-fide of these buyes | leave this buy and Beakon on Starboard. At norden in East-have you, Huyberts-plate, which is now seperated from Huy- | Freesland stand two steeples close together, wherevo one is have you, Huyberts-pate, which is now reperated from ray - receimen man two necessaries concerned and the other low and final, when these characteristics and the other low and final, when these characteristics are the fareway 12, 13, and 14 fathom water, from the innermoth (heeples come with the north-end of Bande (allittle liand upon the water) and the control of Bande (allittle liand upon the water) and the control of Bande (allittle liand upon the water) and the control of Bande (allittle liand upon the water) and the control of Bande (allittle liand upon the water) and the control of Bande (allittle liand upon the water) and the control of Bande (allittle liand upon the water) and the control of Bande (allittle liand upon the water). Ianfz-buy (K) is the course southeast, and lieth upon 8 fathom, Kinhs-plate these are good markes there along, and when the dieuwen- being past the buy upon Huiberts-plate, you must turne some- steeple of Juyster comes northwortheast from you; that are what off, and have a care off Borckum and Mieuwen-steert, good thwart markes of the same buye. which thoorton from the Woldes or the South-end of Bor-kum which men may underfaile in 5 fathom, when they will the Wefterbalgh, is the course southeast, so long until you

point or Riffe out , called Ranfel you may underfaile it upon each-other, for to runne out of the Balgh , but upon the laft fathom, the marckes of this Racke, (and for to have a care of you must goe on somewhat westerly. From the Balgh-beathe taile or Ranfel) are these upon the South end of Borckum kon, to the beakon upon Rems-horn, is the course South and lie two little Downes called the Wolden , keepe the freeple off north ; to faile from these Beakons through the Gaetjen (or Borckum on the west-side of the little Downes, then you shall hole) unto knock, is the course Southfoutheast, and from not fall into Ranfell, in this Rack is it deepe 9 and 8 fathom, thence unto Loeger-horn Eaftfrom Steven Ianions buye unto Doccke buy (L) is the courfe
To the east of luyft lieth Buys, the florteft and smallest Iland that is upon all this coast. It rifeth up in two Hommocks, kon (M) called Royce Baken, the buye lieth upon five fathon, where of the Hommock, which is the moft eaflerlyeft is the and in the farewater it is deep three fathom, the floud falleth the Very fitroug behind this buy into Decke-gar, where off you muth have a care. From Docke-buy unto the Camper-buy, is considered the Work of the Hommock, which is the moft eaflerlyeft is the between the Hommock, which is the moft eaflerlyeft is the between the Hommock, which is the moft eaflerlyeft is the between the Hommock, which is the moft eaflerlyeft is the between the Hommock, which is the moft eaflerlyeft is the between the Hommock, which is the moft eaflerlyeft is the between the Hommock, which is the moft eaflerlyeft is the between the Hommock, which is the moft eaflerlyeft is the Between the Hommock, which is the moft eaflerlyeft is the Between the Hommock, which is the moft eaflerlyeft is the Between the Hommock, which is the moft eaflerlyeft is the Between the Hommock, which is the moft eaflerlyeft is the Between the Hommock, which is the moft eaflerlyeft is the Between the Hommock, which is the moft eaflerlyeft is the Between the Hommock, which is the moft eaflerlyeft is the Between the Hommock, where of you have not been the Hommock, which is the moft eaflerlyeft is the Between the Hommock, where of you have the Hommock, which is the moft eaflerlyeft is the Hommock and the Hommock, which is the moft eaflerlyeft in the Between the Hommock, which is the Hommock, which is the Hommock and the Hommock and the Hommock and the Hommock and the Hommock and the Hommock and the Hommock and the Hommock and the Hommock and the Hommock and the Hommock and the Hommock and the Hommock and the Hommock and the Hommock and the Hommock and the Hommock and the Hommock and the Hommock and the Hommock and the Hommock and the Hommock and the Hommock and the Hommock and the Hommock and the Hommock and the Hommock and the Hommock and the Hommock and the Hommock and the Hommock and the Hommock and the Hommock and the Hommock and the Hommock the courfe eaffortheath marked with N, from thence unto the buye of Eems-horn O is the courfe Southeath, doe lyc lines of bot upon; fathom, in the midlt off the fare-water, is it deep drug, between the buye of Eems-horn O is the courfe Southeath, doe lyc lines of bot upon; fathom, in the midlt off the fare-water, is it deep drug, between the both lye that little Illand Buys, Norhe buy of 7 fathom, the marckes off the buy off Eems-horn are these: derny is to be known by a broad flat tower, which standeth When the Cloyfter of the Dam (a flat Churck) comes a like upon the weft end, but sometimes men can hardly perceive ir, with holwirde, then you have the length of the buy, then stand About the midst of the Iland, nearest the east end lieth a these markes about fouth and by welf from you, from the buy high white sandhill, thereby it is best to beknown. Forthere on Bems-horn, which firetcheth foutheast, you doe find on the Land is alful of Hommoks, Betwixt Norderney and buys the South-wall five Beakons, fail al beyonde the same, from goeth in a channell, called the Norderdeepe, or Norderny, the south-was new Decamons, have account when the control forming of the Church of upwirde and the Clayfter of the Dam one in land Beltru myhich is about two frequest long, a little florier beliams.

## The Easter Cemse.

ningen Southeaft.

the freeple of Borkum, with the new cape (thort by made there) | channell for great fhips, it lieth out along ft by the foote ftrand over againft another, then they flall than four from you, or comming out of the weft, keep the fleepleupon Inyft, eat and eaft and by north from you, then you doe finde the first buy, flat flower from you, then you doe finde the first buy, flat flat flower from you, then you doe finde the first buy, flat flat flower from you, then you doe finde the first buy, flat flat flower from you, then you doe finde the first buy, flat flat flower for flower from you. catt and oy north from you. The you doe most the first of the first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you have a first you ha

and 3 fathom, afterwards upon \$ fathom , then you shall come by the fourth black buye, which doth lie upon 4 fathom.

In the you shall come is it shall, from the ceyou may goe in good order upon the lead, but more inward from the feecond buy by the fourth black buye, which doth lie upon 4 fathom. The third buy lieth upon the point of Brewers-plate, on brewers-

fomewhat northerly , otherwife you flould come within the From the fourth buy, till in the Bight of Rottum , is the courfe eaft foutheast marked with F. and lieth upon y fathom, inward from the fecond by or flatneffe, fother you may goe

have both the Capes upon Bandt over against each-other then Westward from Steven Jansons buy stand five Beakons , is the buy fouthfouthwest from you, From the first buy of the there by fouth goeth the Wat in , north and by east, almost fo Westerbalgh unto the second, is the course all fouth south on the second, is the course all fouth south on the second in the course all fouth south on the second in the course all south south on the second in the course all south south on the second in the seco far from Steven Jansons Buy, as the innermost Huyberts-buy also is the whole Westerbalgh, you can doe no harme when doth lie from Steven Jansons-buy, there shootethalso an out-

fo beyond in the Bight fourfoutheast, and by the land of Gro- Baltrum which is foure great leagues long, and hath on the off-fide a faire ftrand, an three or four fandhilles, where by men may knowit, which lye from about the middeft of the Iland unto the west end, a good wayes one from the other, the Runne upon the grounds of Borckum upon 5 fathorn and fer Baltrum goeth in the Acumy, where in lye two buyes. It is no Acumy,

recomments the course east and ory north, from the eccond unto the recommendation of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state o

another, turne then next unto the fideo fell-file, for being just Becke buy, you may goe forth on the Weftwall, unto Otterdum, young, s, and y fathon, and doen to come nearer hill, which is flaring bowe, the weft and the financial work of the fame is very free; the Eafwall, in failing up, you may we will the work of the fame is very free; the Eafwall, in failing up, you may when the forceford high fundabilities for the fame is very free; the Eafwall in failing up, you may when the forceford high fundabilities for the fame is very free; the Eafwall in failing up, you may be the forceford high fundabilities for the fame is very free; the Eafwall in failing up, you may be the forceford high fundabilities for the fame is very free; the Eafwall in failing up, you may be the forceford high fundabilities for the fame is very free; the Eafwall is foundabilities for the fame is very free to the fame is very free to the fame is very free to the fame is very free to the fame is very free to the fame is very free to the fame is very free to the fame is very free to the fame is very free to the fame is very free to the fame is very free to the fame is very free to the fame is very free to the fame is very free to the fame is very free to the fame is very free to the fame is very free to the fame is very free to the fame is very free to the fame is very free to the fame is very free to the fame is very free to the fame is very free to the fame is very free to the fame is very free to the fame is very free to the fame is very free to the fame is very free to the fame is very free to the fame is very free to the fame is very free to the fame is very free to the fame is very free to the fame is very free to the fame is very free to the fame is very free to the fame is very free to the fame is very free to the fame is very free to the fame is very free to the fame is very free to the fame is very free to the fame is very free to the fame is very free to the fame is very free to the fame is very free to the fame is very free to t for the inners very neep; the Fanwan, in annugup, you may, when the foreign mugi anount is reunran anouy eat from goe on by the lead upon 6 fathon, behinde a Plate, called the Hond, an hard fand, and more inware lieth alfo another plate, called the Paep, being alfo an hard fand, & runneth through be.

Betwitz Baltrum and Norderrey runneth in a channel!, twist Killerie, but the Welter-wall is weake and Clay-ground, called the Wichterie, there is no certainty to be written of it, who have that men may truft to, femetimes there is two father in water, fill unto Otteruum, you muit keep au tien we tri wan, and iori tina men may trou to, it meutines to more tree it it water, look the Backows which doe fland there all along, it formed more, and fementies to more tree it would refract for the fland Langetroegh lieth a league to the call water free fland Langetroegh lieth a league to the call water free fland Langetroegh lieth a league to the call water free fland.

Oxebalg. the Oxebalgh.

white sland: Upon the east end the high broad white sand nutless Upon the west ende the Earle off Oldenbourgh hath cautext Upon the west ende the Earle off Oldenbourgh hath cautext I the forestal burse you must reckon well your tydes,
fed to be made a great thick tower, with 1 spires, when they
the slower of the northwest, and falleth along tower
fed to be made a great thick tower, with 1 spires, when they Randon right in the other, then you are by the outer buy off the Redde-fand, & the ebbe to the contrary. The right deep the Wefer; the forefaid towre, men may fee two kenning of at thwart of these forefaid bayes, in the comming in is it fa Sea. Betwist Wrangeroogh and Spykeroogh goeth in the ethom, burthwart of the buyeupon the Head, 5 sathom as low Harrel, about fouthfoutheaft, but it is not to be trufted becau- water. fe it shifteth very often.

fmall flups, like as all the other, lying betwirt the Eafter-eems the reachunto the third buye, to reckon from without, and is

The land lieth from Bornriffe to Wrangeroogh eastmorth east and westfouthwest 29, or some will have it 30 leagues.

For to fail into the Iade or wester Weser with a southerly with a welterly winde runne no further then five fathom, and the white grounds, in 4 or 5 fathom, antil you be out in the fea. lead it in fo by the strand of Wrangeroogh, in 4, or 5 fathom, untill you come a good wayes within, or to the end off foote 2 fathom and an half.

ther is fomewhat calme, whereof you must be very carefull.

For to faile up into the Jade, leave the forefaid third buie on de, then keepe the welf thoare, untill you come thwart of the the rode for great thips that are bound to fea. church without a fteeple, which ftandeth by the Dike, there you must leave the west shoare, because of the Aenten or Ieppe plate, which shooteth of from the Veer, alongst the welt- 2 fathom and an half up and downe. fhoare, and fometimes lieth drie at low water. The west shoare lieth most foutheast somewhat southerly.

up and downe.

### The Wefer.

the taile of the Red-fandin 5 fathom.

from Menser church, fo that Menser church liethfrom the se-

but it is a black land, with Hommocks and Nobbes like to the cond fouth and by eath, from the third fouth, from the fourth other ilands: betwirt Spyckeroogh and Laugeroogh goeth in four and by welt, and from the 5 foutfourthedt. The fifth by each goeth in the Oxebalgh. Wrangeroogh lieth two great leagues to the eastwards off the other buyes, there flandeth a flaffe upon it of a halfe fa-Wrangeroogh lieth two great leagues to the eathwards on the other buyes, there itangeth arrane upon it or a nate rate angeroogh, which is a great league long, bein a lattle plate them long. With a white shorte upon it. Over againft the buye white iland: Upon the eafter all the light broad white fand hill upon the head itera white buye on the white grounds. Be-

Right before the Weser lieth the Middle-plate, the Easter-Middle-The Acumy and Harrell are fet both with buyes by the most or the Innerside beginneth right to the northward of the Plans Wor-cumfull of Embden: These channell serve not but for buye upon the Head by the white grounds, and lieth along the forefaid plate lieth a white buy about from Menfer Church , which you must leave in comming in on the larboard-side.

For to fail from the buye upon the Head, out again to the eastwards of this plate unto the Elve. Then found it out about For to falle further up into the Wefer, the course from the

buye upon the Head unto the 6 buye is S. E. and N.W. Men-Brand of Wrangeroogh, there you shall finde the first buye in fer Church shall then lie from you fouthwest and by south, the trand of wrangerough, there you man more the next buye in the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first history of the first hist fteepe, which you must leave on the larboard fide, and the buye | Wapper buye, or the foutwest buye, because Menser Church on the flarboard fide, when you come in. Thwart off this lieth foothwest off from it, the course is four healt. The lade first buye commeth a taile, shooting off from the South-buye lieth about fouth, or fouth and by west from this baye, floare, that is the innermost point of the Stonebalgh, which From the buye upon the Cours unto the Mellem buye the men might, at unawares fail within in three fathom and an courfe is yet foutheast, which you might faile within are unamen might, at unawaresian within in times mitton and any counter by the indicates which you might not form a think halfe, or foure fathom, the first buye is laid upon the point of wares is fix fathom. Menfer Church list coll from the fourth white fall. The Stonebally goeth into the call wards off Wranger with the first production of the fourth with the fall. The form the Mellembuye to the buye upon gheroogh the fouth fide where off is fleep, but the north fide | Bollenzille the course is foutheast formewhat easterly, you must flat, which men may found. In this Balgh it is ten foore deepe reckon your tides there verie well, because the floud fallerh at low water. From the first buye to the second, and alongst exceeding hard in to the west shore, Langworder Church lieth to the third, the canfe is eaft, the fecond buye lieth in two fathom and an half: The third, that is the Jade buye, lich against it upon the point of the black grounds lieth a white in three fathom, upon the (howldeft off the High-waye. It is buye, come no nearer to it at half floud then 4 fathom and an very uneven betwixt the first and the third buye, you shall half, you might unawares fail within that point (in failing in) get wife depth of five or fix fathom and then again 2 fathom or in 4 fathom. From the buye, upon Bollenzileto the beakon upon Bollenzile the course is fouthfoutheast, or foutheast and For to faile from the Jade to the Weler, then faile by the by fourh. Langworder church lieth about fouth from that beathird buye over the flowideft of the high way on eathortheast kon, you must leave it on the starboard side comming in with to the Mellembuye, and you shall finde at low water upon the in that beakon upon Bollenzile is a good roade for a westerly forefaid flowldeft place, or by the third buye, no more water winde. From the beakons upon Bollenzile to the first buye then 9 or ten foote, and being over there you shall get againe upon the flat, the course is southeast til you come somewhat deeper water, and then you are in the Wefer: Reckon well beneath the beakon, and then along the affioutheaft. The oeeper water, and then you are in the weier: Reckon went ochean the beakon, and then along cannot meat. The your tides for the cibbe falleth very firong northnorthwell marks of the fifth buye upon the lat is, when you can fee out at the Jade, and the floud to the contrarie, very hard in through the beholds of Langworder fleeple, then you are wards, fo that you can hardly stemme the tyde, when the weathwart of the first buye, Langworder Church is then from you fomewhat more foutherly then fouthfouthwest. From the first buie upon the Flat to the fecond, the courfe is e. f. e. Betwixt the larboard fide, and go from thence most fourth up, unto the these two buies stande five beakons on the larboard fide, upthe largoard nee, and go nonnoence mon routing, unto one point off the Deyke, called Hommerfcheel, when you are on the black grounds. From the fectod being upon the flate come by the Dyke, there the lade is wide and broad, without to the Meyland the courfe is fourtheaft and by fouth. Being the forefaid Dyke standeth a beacon or two, for shipps that are come thwart of Wadais or the Meyland, fail then close along bound over the Wadt: If you will faile further, up into the ia by the green flore, untill you come within Blixem, there is Like as upon the Jade, so also upon the Weser a south and

north moon maketh the highest water, it floweth there also

To the castwards of the Weser lie the southgrounds of the South Elve, there go in 2 faire deep Balghs or Creeks of 10, 12, and grounds A fouth and north moon maketh the higheft water upon the 13 fathom. The Till, called also Broadbalgh, is the wester-Jade, and it floweth with an ordinary tide 2 fathom and an half most, and lieth fo for to the westwards, that men can but even

If it should happen that comming to the eastwards off the Wefer, you should be befet upon the fouthgrounds, being a left shore, and be in danger, then faile to the fouthgrounds For to faile up the Weler, come no nearer Wrangheroogh in 4, 5, and 6 fathom, but not much nearer alfo, for they are then feven fathom, being in feven fathom, then edge off from the floare into 11 fathom, and you shall finde the first built at grounds upon the fame course shall get 8,9 year 10, or 12 fathom, and you shall finde the first built at grounds upon the fame course shall get 8,9 year 10, or 12 fathom, and you shall finde the first built at grounds upon the fame course shall get 8,9 year 10, or 12 fathom, and you shall finde the first built at grounds upon the fame course shall get 8,9 year 10, or 12 fathom, and you shall finde the first built at grounds upon the fame course shall get 8,9 year 10, or 12 fathom, and you shall finde the first built at grounds upon the fame course shall get 8,9 year 10, or 12 fathom, and you shall finde the first built at grounds upon the fame course shall get 8,9 year 10, or 12 fathom, and you shall finde the first built at grounds upon the fame course shall get 8,9 year 10, or 12 fathom, and you shall finde the first built at grounds upon the fame course shall get 8,9 year 10, or 12 fathom, and you shall finde the first built at grounds upon the fame course shall get 8,9 year 10, or 12 fathom, and you shall finde the first built at grounds upon the fame course shall get 8,9 year 10, or 12 fathom, and you shall finde the first built at grounds upon the fame course shall get 8,9 year 10, or 12 fathom, and you shall find the first built at grounds upon the fame course shall get 8,9 year 10, or 12 fathom, and you shall get 8,9 year 10, or 12 fathom and you shall get 8,9 year 10, or 12 fathom and you shall get 8,9 year 10, or 12 fathom and you shall get 8,9 year 10, or 12 fathom and you shall get 8,9 year 10, or 12 fathom and you shall get 8,9 year 10, or 12 fathom and you shall get 8,9 year 10, or 12 fathom and you shall get 8,9 year 10, or 12 fathom and you shall get 8,9 year 10, or 12 fathom and you shall get 8,9 year 10, or 12 fathom and you shall get 8,9 year 10, or 12 fathom and you shall get 8,9 year 10, or 12 fathom and you shall get 8,9 year 10, or 12 fathom and you shall get 8,9 the comming into the Wefer. I juig in feven fathon upon the thom foft ground, then that is certainly of the Broadbalgh or Estler The the comming into the wester, sying in teven rathorn upon the flowing from the Broadbagh of taile off the Red-fand, Menfer Church (that is a flat Church Wester Till, take then the founding of which fide that you without a steeple in Vroukensland) is then fouthfoutheast from will, and found it about by the grounds in 4 or 7 stathoun, and without a fleeple in Vroukenlland) is then fouthfouthealt from [will, and found it about by the grounds in 4 or 5 athom, and you. Being thwart of the first buye, and that the west end off you shall find a mongit the fands smooth water, and good rode, Wrangcroogh is fouthfouthwest from you, then you run over and may lie sheltred for all winds. The wester Till lieth in first E. S. E. alongst by the north shore it is deepest, on the S. From the outermost buye to the second, third, fourth, and shore you can not fail within, any tailes, in failing out, but you fouth fide (to wit the Red fand) nearest each a point different may in failing in: when you come fomwhar further in, lieth

lieth off a good wayes, and which you might at unawares fayl wardes upon the northwest fide. The South end of the north-

further in more eafterly. Here also you may take the founding perfect harde fand, about a halfe league broad, which waxeth of which fide or shoare that you will.

Steep-buye or Schorhorn. If you will goe in there with finall a halfe, but it doth foone deepe againe in five, feven, eight come thwart of the beakons, which you must leave on the from the westwards) it is also somewhat soft ground, and sourflarboard fide, you may well found in about the off-fide of the teene and thirteene fathom deepe, to the fouthwards of it, to-Schor-horne, but not the weft fide, by it lye plates , which wards the fouther or Steepe grounds, the ground is againe veyou might fayle foule of in 9 fathom, in comming in, but on ry hard, and the grounds very steep, you may not come nearer the Schor-horne you can not doe amiffe.

from the westwards, and begin to get Holyland in fight, it she- fathom deep. wethit felve with a high reddift fteep point, which is flat abo- If you come by night alongst by the steepe or souther-Monck. towre, close by the high land, called the Monck, which is al- then let fall your anckor, for to flay for the day, and you shall Bockus- glishmile, or a little more from that rock, lyeth a rock under you must anckor further from the fouth shoar in the foresayd der water. water. If you keepe your felt in eight and nine fathom, then showlding in eleven or 12 fathom. yourun without this rock, and can not take any hurt of it: To the northwards of the forefaid narrow taile, or showl-

whole north did, then in nine or then fathem. If you will goe about to the northwards of Holyland, being come fo farre that east from you, faile then freely unto the Scholvers point, that the right Elve. is a flatte point, which you may found in 5, 6, and 7 fathom. If so be that you will runne in eight fathom off from it, you course is southeast and by east, then you stal run over the foreshall runne above two great leagues from the shoare. The right said taile of Vogelsand in seven and eight fathom, and somefareway betwixt the Hever and Holyland is not more than ni- what hard fandy ground. If you then run a little more foutherne or tenne fathom deepe. When you come about the poynt to ly you shall get againe twelve and thirteen fathom, and some-

the funcken Rock.

northnortheaft moone maketh there the highest water.

which lieth right to the northwards of the Schorhorn, that is on the fide of the Schorhorne the outermost poynte of the

channells, where men may faile through that are acquainted.

The Eafter-til or Broadbalgh lyeth betwirt the Wetter-til fouth fide of the Elve, the right deepe of the Elve runneth in adult the Hondbalgh, which runneth in fathom into the early on the through the through the properties of the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve runner in the Elve ru ftermost point, (or the old Scorhorne) that is a taile which lie the North ground, which lie somewhat flat far off to Sea-Voghelwithin in 7 fathom comming from the westward. This Till grounds, called Voghelsand, runneth from the foresaid buye lieth in alfo (like as the other) first eastfoutheast, but a little a good waies west and by north into Sea, with narrow taile off by little and little the farther from the shoare the deeper. Being come within, you shall get smoot water of the sands Three leagues from the foresaid buye, there is upon it elefor all winds. In this channell is not leffe then 7 fathom water, ven fathom water, when you faile on north from the fteep-The Houndtbalgh lyeth right into the westwards off the buye, you runne over it in three fathom, or three fathom and hipps for to faile over the Wadt into the Wefer, then goe and tenne fathom, foft ground, that is in the crecke off the (when you have the Steep-buye) in fouthfourheaft. The Hond-North Elve. To the Southwards of that a forefaid Voghel. Northbalgh is without indifferent wide, keepe that course, untill you fand, in the right fareway of the Blve (for him that commeth Elve, them (efpecially by night or darke wether) then in eleven or twelve fathom, if you come nearer to them, you might faile foule of the wester Till, or Souther-broad-balgh, which run-The Iland Holyland, and the outermost buye in the Weser, neth up to the southwards into the grounds to nothing.

When you come from the weltwards, and faile to the Elve, Ive one from the other, fouth fomewhat westerly, and north fomewhat eafterly. When it is cleare and good fight, you may you shall finde betwixt Holyland and the Weser, and therefee Holyland, when you lye in the Wefer, by the buye upon abouts formewhat to the eaftwards, depth of twenty fathom, the head. Holyland and Bornriffe lye one from the other untill that you come well halfe wayes to Holyland, towards fourthweft and by weft, and northeaft and by eaft according to the Steenbuye, then it doth begin to flowld from eighteen to the common opinion, two and thirty leagues. When you come fixteen and fourteen fathom, close by the Steepbuye it is 12

ve. Forto anckor or make rode under Holyland, comming grounds, with a foutherly winde in twelve or thirteen fathom, ve. For the endeator or make roace under Helysland, comming grounds write a country worth, you find lat lat interest hatons, to most be endeator, the naturate to that laid in tener or twelve and loge on east and by worth, you find lat lat intere with the fathom. When you faile towards the fourth point, and come for floolding of the New-worker grounds, right to the iorthwards mewhat near the land, you fluid felpie a nock, like unto a finall of the Hondetdaght me deventations therey ou must be an extra the fourth of the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to the land to th most so high as the high land. About southfoutheast an En- finde your self not farre from the buye. With northerly windes

When the Monck is covered of the other land, then you are ding, which lieth off from Vogelfand, runneth in a great bight thwart of this funcken rock. When the forefaid Monck co- or Slenck into the norther grounds, called the Norther Elve, Norther meth a handfpikes length, past or without the other land, the- it is in the going in somewhat within, fo broad that you may re is the road, and good anckoring in ten or eleven fathom, there in turne to windewards, but within it runneth narrow and the ground is there faire and cleane, except it be of wracks of loftlings, or loft anckors, which are there may. Lying there in nine, renne or eleven fathom, you have falter for a weft.

New grounds) it is going in more then halfe wayes thirteen when the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftlings of the loftli fouthwest, northwest and north windes. From the poynt and twelve fathome deepe, and fost ground, verie much like where the Monck frandeth by, fhooteth off a little rilig from the right Elve. It happeneth oftentimes by dark wether that the floare, which men may found in three fathom, you may the shippes (thinking that they are entred into the right Elve.) alfo runne in five fathom from the shoare, and sayle cleare of runne in there, sometimes which danger, especially with weltauto runne in twe lachen rock, to wit, through betwist che funcken
i numer in une france, fonettines wenne, for great gale againet,
the forefaid funcken rock, to wit, through betwist che funcken
i numer in une france, for they mult come up cut there back againet.
Rock, and the little first built i your must into deep water.
When you faile of from the John do no eatifour there, they with in fever infathon, you full artime right up on the funcken
law they are the proposed from the forefaith of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function of the function Rock. In eight or nine fathom you doe runne about without from it, that you leefe the white cliffe out of your fight, then you shall get one eve depth off thirteen fathom, and foft From the north fide of Holyland lieth off an evill Riffe, alground, all alongft untill you come within the forefaid north most a league into sea, so that you can not come no nearer the Elve. When you shall perceive that you are entret in there, the eaftend of Holyland come to be fouth and fouth and by fand in 5 fathom, and fo come against the Steep-buye upon

For to fet fayle by night from the road of Holyland, the the rode, and that Scholvers point lye northeaft, and the rock what foft ground, that the right deep or channell of the Elve fourthweft from you there is good lying in clathom. fouthweft from you, there is good lying in 5 tathom.

South-laScholvers point is the point where the South Haven lyeth more fourherly, you fhall get against formewhat hard ground of within , which lyeth from the high land about east into Sea. the Souther grounds, which are (as bath beene here before From the outermost end of Scholvers point lieth a banck off faid) very steep and hard, when you come neare them in twelve three fathom, unto the point where the Monck also standers, or eleven fathom, you must edge off againe from them unto within it is very good lying for shipps of little draught, that is twelve or thirteene fathom, and along st by them towards the called the South Haven of Holyland. A Southfourthwest and steepe-buye, unto the foresaid showlding of the New-workes grounds, and there flay for the day light

When you come by day from Holy-land or from the westwards, and that you get New-worke in fight of you The Rode of Holyland and the outermost buye of the Elve bring that and the Cape one in the other, and sayle so right (called the Schortunne or the Steep-buye) lye right Southeaft in with them, then you shall finde the steep-buye, which and by east and northwest and by west eight leagues asunder, lyeth (as hath beene already sayd) towards the south land

buyes on the starboard fide.

northeaft and fouthfouthwest one from the other, to the east- you, then you have the length of the fore said buye, and then wards of it the north fide is very freepe. The fifth buye lieth S. Peters Church upon the Eiderstee to the west wards of Gar-

the point buye over against the buye in the Rosse, fomewhat channellat low water in 16 foot, the third in four fathom, and further in wards, lieth a white buye upon the tayle of Romaerl the fourth in five fathom. tioned, are reckoned at halfe flood,

Luye it is fourtheaft, and fourtheaft and by fourth and from New-town called Frederickfladt, there is depth enough, thence to the buye upon Terloo caffioutheaft. From thence to the buye upon Hanneball, the course is east and west, From Hannebal to the buye upon Blanckenes sand east and by north, der lieth alongst northeast and by east. From wollersum toyou must keepe that buye right with a great tree, and then run wards Harebleck N. N. west, From Harebleck towards Reialongst by the north land untill you bee past the buye.

courfe is east foutheast, and from thence unto the Eckhout east and by north in the right channell it is there three or 4 fathom deepe, there lye the great ships for to lade ant unlade.

## The Eyder.

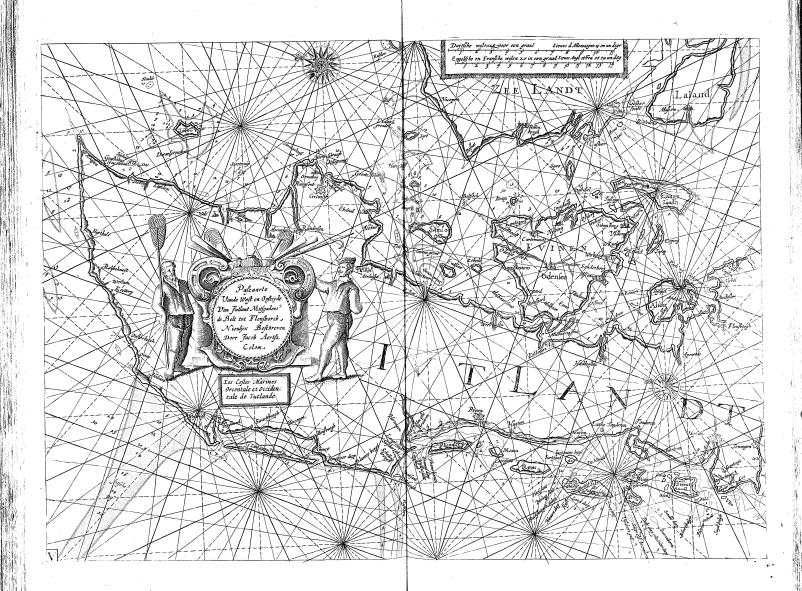
Six leagues to the northwards of the Elve lyeth the Eyder, and most on the fout fide, on the north fide of the deepe al- east, or foutheast and by east, where you may faile through

New-grounds in ten or eleven fathom. From the Steep-buye ongit by the land of Eyderftee liet a long fand called the to the Kool-buye, that is, the fecond buye, the course is due Broad-back, or New-grounds, on the fouth fidely Blavoort, ealt, which lyeth in eight fathom, Upon the New-work it and the Iron Hendrick, the Hound of Hechfand. To the fouththree country mens houses, the middlemost of them, and the wards of Blavoort, and the Iron Hendrick, about a league to fteeple of the New-worke come one in the other when you the fouthwards of the mouth of the Eyder, goeth yet a Deep come to the fecond buye. The third buy lieth in fix fathom, in, called the North pipe, where men may fayle in, and come from the Kool-buye eaft and by north fome what eafterly, but out againe by the Hound upon the Eyder. In this Eyder lye nearest east and by north. The fourth lieth in five fathom on the fourth fide of the Deep seven black buyes, which you from the third, east and by north. Betwixt these buyes a little mult leave all (in fayling in) on the starboardside, and on within the third, runs a deepe Creeke east four heast into the the north shoare, which you must leave on the laiboard side. New workes-grounds, called the Kinder-balgh, which is wide The outermost buye lieth from the steepe buye right north, at the entring in, and at half flood well nine fathom deepe, but and from Floly land eaft or a little more noortherly 7 or 8 leagrunneth at length altogether drye to noting. Hee that co- When you fall with the land with that course you shalespy to meth running alongft by the fourth-grounds,might lightly get the nortwards of te Eyder, upon the land of Eyderftee, a in there, therefore the third buye lyeth a little further off from [harpetteeple indifferent high, called Gardingen, bring that the South shoare, because men should avoyd that Crecke. Be-over or to the south side of the little sand-hils lying on the twixt the third and fourth buy on the north fide of the deep north fide of the Eyder, called the Souther-Heads, they shall lyeth a white buye in three fathom, upon the tayle of the then fland from you northeast and by north, or a little more Neu-ground, which men might faile within, when they come lealterly, fayl right in with hem 6, and you flull fall with the inwardts, that you must leave on larboard fide, and all the black outermoft buye, when that then the flarpe fteeple of Wellinburen , ftanding to the fouthwardts of the Eyder in the land of The forefayd white buye and the New-worke Iye north- Ditmarfen commeth to be eaft or a little more foutherly from in three fathom and a halfe, or + fathom, and lieth from the dingen, not farre from the fea fide, thall fland from the northnortheaft. Thus, or comming out of the fouthwest upon the The fixth buye, that is the poynt buy, lieth in fix fathom, fore faid markes of Gardingen, and the Souther-heads, you shall from the fourth and fifth due east. In the right deep to the run over the showld of Blavoort, which men do call also the northwards of these foresayd black buyes from the Koolbuy taile of the Hound, lying off from Blavoort almost halfe waies to the poynt buye in the right fareway, it is all along this e and to Holyland, It is all fo by some called Blavoort, or comming feven fathom deep. From the poynt buye to the buye in the from the northwards, bring the foresaid freeple of Weslinbu-Roffe, the course is foutheast which liethin 7 or 8 fathom, ren aeft or a little more southerly from you, and faile so right when the Ros beakon commeth to the little (teeple of Gron in untill that Gardingen commeth to the foresaid foutheror Groen, then you are thwart of this buye. Halfe wayes be-heads, or that S. Petres church bee N. N. E. from you, in rwixt the point buye, and the buye in the Roffe, lieth yet an doing to you fall not miffe affo the outermost buye. From otherbuye on the fourth fide, which is there betwist them both the outer most buy to the fecond, thitd and fourth, it is alone exceeding fleepe and needle too. Right east foutheast from course E. S. E. the second lieth upon the showldest of the

plate, which men might et unawares fayle within , in foure or five fathom when they faile upwards. When the little flarpe the fouth fide of the deepe. In fayling in, you mult leave them freeple of Woord commeth to the westwards of Oldenbrock all on the starboard fide, and runnealongs to the northwards that is a church with two spires upon one steeple ) then they of them. From the fourth to the fifth, that is, te buye upon are fouth from you, from thence inwards you may found Ro- the Houndt, the course is east, which lieth thwart of the maerl plate in fix fathom without, danger, otherwife it is on Hound, on a point which lieth of from Heckefand, which in must pace in a sauce and the Rosbeakon to Brunsbuttell comming in, men might at unawares faile within alongft to are five leagues, betwire the buye in the Rosbeakon to Brunsbuttell comming in, men might at unawares faile within alongft to are five leagues, betwire the buye in the Rosbeakon to Brunsbuttell comming in, men might at unawares faile within alongft to the office and the buye that also upon Romaerl plate begins a fand ly ingright in the middeft a- [as well as the former] on the ftarboard fide, and faile alongft long(t the fare way about two leagues long, called Pilgroms-to the northwards of it. Betwixt this forefaid buye upon the fand, upon it is along to more then two fathom water, or a Hound, and the fourth, lieth another buye upon the north fide little more, upon it lie three black buyes, and over againfit it of the deep upon the fourthermoth point of the New-grounds, on the north fide, two white buyes, you must faile through betwixt them, alongft to the northwards of that fand, being palt |fourthwards of it. From the buie upon the Hound to the fixth, it, you shall come upon the flat, There lye yet two buyes which (the course is northnortheast, two fathors deep. From the you must leave also on the starboard fide in fayling up, before fixth to the seventh and last built northeast and by north, and you come to Brunsbuttell. All the depths here before menthe deepe alongft to the northwards of it three fathom. Being patt the last buye, follow the beakons, which stand alongst on From Brunsbuttell to the buye upon Salthorne, or Fribur-the north shoare, until you come to Hulck, runne close along st From Bransbuttett to the mye upon samones, or Final the morning and the most state of them, for a word greated, the courfe is eat, and cattain dup north alongt by to the fourbwards or to the catwards of them, for to avoid the north-land. From Salts-horne to the buy againg the a taile of fand, which commeth off from the catthore, which stourced the plant of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the cou buye upon Gringer-oorts-fand foutheaft, and foutheaft and by the Hulck to Schulperzile, the courfe is eaftfoutheaft. In that eaft, that liethagainst Bilenburg more then halfe wayes in the reach, the beakons stand on the fouth side upon the Ballastdeepe. Betwixt this buye and the buye upon the Steur lieth plate, and you must run alongst to the northwards by them, another buye in the fare-way. From the buye of Ghringer-oort leaving them on the larboard fide. From Schulperzile to to the buye upon Stader-fand foutheast and by fouth, and Tonningen the course is northnortheast. Before Tonningen four-four-heaft. This buye you must leave on the starboard the Eider is at the showldest, and at low water no deeper then fide. From Stader-sand to Willems-slit, or the buye upon the

mers-bode northeaft. From Reimers-bode towards Nien-From Blanckneffe fand unto the buye in the bight, the zile eastfoutheast. From Nienzile to the Nien-veere fouth.

Betwixt the fourth buie upon the Eider and the fifth, that is, the buie upon the Hound, over against the buie upon the fouthermost point of the New-grounds, fland two beskons alittle to the fouthwards of the forefaid two buies, the westermost upon the east point of the Blavoort, or the Iron Hendrick, and the caltermost upon the taile of the Hound. with manyflowlds lying farre out without the land, chiefely Betwixt these two beakons goeth in through a deepe fouth-



alongit by the beakons upon the Iron Hendrick (which you room into the Hendrick (which you room into the Hendrick (which you room into the Hendrick (which you room into the Hendrick (which you have the hendrick the Hendrick (which you have the hendrick the Hendrick (which you have the hendrick the Hendrick (which you have the hendrick the Hendrick (which you have the hendrick the Hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick (which you have the hendrick ( end of the North-Pipe; which her from thence account we then the North-Pipe; comming in out of the You may found in act the North-Pipe; comming in out of the fea by the S. floare in 3 and foure fathom, untill you the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pipe than the North-Pip come to the forefaid beacons, and then about by them northwest, or somewhat more westerly up unto the Eyder, or else you may runne further alongst by the foresaid fouth shore . untill you come about the beakon upon Hoedmeerfand, and then forth betwixt the Hand Bulheads and Buyfen alongst by the Beacons upon Hoedmerfand, with many points and bights on From Holyland to Lie in Schotland, and by north and fomewhat more norto the fouthwards, and come out at last upon the Old Elvel, about northeast from the New-work against the Newgrounds, which is not well to bee failed, but of those that are there very

Land-deepe, eaft and eaft and by north in , and commeth out From Holyland to Ameren, or Small-deep, the course is northnortheast some againe upon the Bider by the Hulck, that ferveth not but onely for small ships, there remaineth at low water but five foot.

## Of the Tydes and Courses of the Streames.

Before the Scholbalgh, the Lawers and the Schille, and before the Wester-Eems a foutheast and northwest moone makethingh water. Before Embden and Delfzyle a north or north and by east and fouth or fouth

In the Eafter-eems and Burckumbalgh a fouthfoutheast and northnorthwest

Refore the channells betwixt the Eafter-eems and the Wefer, a fouth and

Before the channells bewirt the Eafter-terms and the Weller, a fourth and beautiful, and not rad north and by well more foot of the freeze bewirt the File and the Elies, the foreflood comment out of in the fireway bewirt the File and the Elies, the foreflood comment out of the Elies and the Elies, and the Elies and Elies are the Elies and Elies and Elies and Elies and Elies and Elies and Elies and Elies and Elies and Elies and Elies and Elies and Elies, and also in the Eyder a fourth and north moone maketh high yaster. The Bodo Comment, there out of the northwelf, and the eb-

be out of the foutheast, and fall very strong over the grounds that lye out Under Holyland a north northeast and fouth fouthwest moone maketh full

### Of the Dephts about these places, and in wath dephts men may fee the land.

Schiermonickoogh men may fee in 12 and 13 fathom 4 great leagues with

Rottum and Borckum men may fee in 14 and 15 fathom: Thwart of borckum the ground is groffe red fand, mingled with some black Inyth, men may see in 13 and 14 fathom, 3 leagues without the land it is 1

invis, men may fee from the poop in 12 2nd 13 fathom. Buys and Norderny men may fee from the poop in 12 2nd 13 fathom. Ealerum Langeroogh and Wrangeroog, men may fee it in 14 & 15 fathom. Theart of Boijadigerland, Keidingerland and Ditmatien, the grounds lye

Inwart or soujaugename, accompanies and sousacters, the grounds sys-into the top.

About Holyland it is deep 7, 8, and 9 fathom, to wit, on the inner fide, but without on the west-fide 15, 14, 18, and 19 fathom, in such depth you may fee the land of Holyland from the westwards.

### Courfes and Distances.

The coast alongst these Hands lyeth eastmortheast and westfouthwest.

From Borckum-rifleto Wrangeroogheastmortheast 16 leagues

From the Easter-cents or Inyst-rifle to the Steep-buye or Schortunne east-From the Enter-cems or taylet-iner on the sucep-nuye or subortunane cattranontheal flamborowhead welf fomewhat northerly 8.5 leagues From the Eems to Bovenbergen north and by eaft 00 leagues. From the Bens to Bovenbergen north and by eaft northealt and northealt and by eaft 10 leagues. From the Beths to rouyshate the Selection of the Beth Selection of the Beth Selection of the Beth Selection the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of the Selection of

The outermoit buy in the Eyder and Holy-land, I Jee call tomewhat northerly northerly, and well formewhat foutherly afunder por 8 leagues From Holy-land to the Holms before Yarmouth, the courie is welfouthweft or formewhat more welfers. The support of the Holy land to the Scarbrough and Flambrough head, west or formewhat the support of the Scarbrough and Flambrough head, west or formewhat the support of the Scarbrough and Flambrough head, west or formewhat the support of the Scarbrough and Flambrough head, west or formewhat the support of the Scarbrough and Flambrough head, west or formewhat the support of the Scarbrough and Flambrough head, west or formewhat the support of the Scarbrough and Flambrough head. more foutherly

From Holyland to Tinmouth, or Newcastle, west formewhat more no

therly From Holyland to Boecknes northwest and by west 120 or 121 leagues From Holyland to Hanglip in Hitland northwest From Holyland to Bovenbergen, north and by west

When you lye by the outermost buy in the Heyer, in clear water you may see

### How thefe Lands doe show themselves at fea.

Thus sheweth Schiermonckoogh, being two leagues thwart of from you.

Borckum

Portum Thus shewerh Borckum and Rottum when you fayle along t by them

being two leagues a feaboard the land,

Thus sheweth the Iland Iuyst, being about two leagues of from you. Northerly Thus show the Hands buys, and Norderney, being 2 leag- thwart of from you,

Thus rifeth Baltrum, when you are about two leagues a feaboard the land.

Thus sheweth Spikeroogh, when it is about two leagues from you.

Langeroogh sheweth it felfe thus when you are about two leagues of from. Thus sheweth Wrangeroog when it is about two leagues threart of from you.

White Cliffe Thus sheweth the New-land, or New-worke when you are at the entring of the Elve, from you shewer it felfe thus.

Holyland northeast and by east 5 leagues from you, sheweth it selfe thus.

## The third demonstration,

In which are deciphered the sea coasts off the west and east side of Justand together which the Belt untill you are past Latand and Langeland.

Rom the New worke, or Steepe-buye to the Hever, the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of forefaid fand or taile off Blavoort in the depth of two or three me in fo a good wayes, you shall finde two beakons on the starforeign and of called the Darwoot in the seption two or man in the way of the property of the feaboard the Land, the foreflood falleth there very strong first beakon to the second and third, the course is east and by thwart over the grounds towards the land, and the ebbe to north, faileall alongit by the beakons, leaving them the flar-

for to make from remainder the foundation of the final be, unawares faile within. By the third beakon cometh the fourther and runne towards the grounds, untill you come in fix or feven Balgh into the Hever. From that third beakon to the two other and name towards the grounds, and you come that of recording to the towards the grounds and the worder fathon, and then you hall elpied feeple which sharpe, and indifferent high, called Piel-worme, bring that northeaft and you find le come by the green land on the flatboard fide, there by north from you, a masts length to the southwards off the it is asquare deepe, large and broad channell, from thence you by north from you, a maint sengun or the fourthermoft Cow-houfe, upon the little iland Nuball, keepe that fo flanding, and faile towards it, and you find if finded the outermoft buye, from that to the fecond buy, goe on northeaft, outermoft buye, from that to the fecond buy, goe on northeaft,

halfe waves betwirt them both, you shall meet with the alongst inwards, the course is northeast and by east. Being coboardlide. To the northwards of them betwixt the first and For to faile from Holiland to the Hever, goe on northeaft third beakon, it is full of fands and plates, where you might at

channell is at halfe floud two fathom and a halfe water, and or that fouthend off Silt, altough it commeth (hooting off without the channell it is very farre flat. Somewhat without from it, betwixt them goeth out into Sea a deepe of about a without the chaineit it is very farm into Someward without the chain of the Heer lych aligo banck, whereof men must be carefull indumed a halle, where the filter men doe dayly goe our when they will dayle in there. A fouth and north Moone make they will dayle in there. A fouth and north Moone ma keth there the highest water.

to faile to Utto. From Utto it lyeth in alongft northeast and from Ameren. by North, and commeth out into the Hever by the third

The North-pagn neurin to the foreign time to the control page, that is an example of many one points, or interesponds to the control of from Holyland, & is bound to the north-about, right in with the foreign little I and Nuball, which you wards, need not feare fo much for the flowld, for it flooteth me. must leave on the larboard fide running in along by it, and so out most by the land. come into the Hever, against the foresaid dry fand, the Quade: you may alfo (comming in at the North-Balgh ) fayle up to the northwards from the Iland Nuball unto the end of Strand, till you come thwart off a flat Church, and anckor there behinde the showlds, that is a deepe Balgh or Creek.

### Smalle deepe.

Three or foure leagues to the northwards off the Hever lieth the Smalle-deep. For to faile of from Holy-land toward it goe on northeaft and by north, and runne to the grounds, a bout west and by north, from the Piclworme the south end off Ameren shall then bee north or thereabouts from you. Seek you can not doe amiffe, it is flat rifing ground farre without the land. On the north fide lye many fands, showlds, and points, that lie out, which men might(without good heed-taking)faile within: faile in therefore alongft by the fouth fide north and by eaft, northnortheaft, and northeaft and by north, and fo you shall find one showld or breach, leave that on the larboard side. dead Balgh or creek, wherein is at the first at least 7 fathom may also runne alongst by that foresaid showld by your lead, untill you come within it, comming then thwart off the fouth end of Ameren , you might unawares faile within the fouth grounds behinde a flore which flooteth of from the grounds of Vooren, therefore keep the fouth fide untill that you come thwart of the lland Vooren.

upon Austrean Scannonteact to the foreign Rifte off Silt , the hill is church or fleeple, and run foalongft unto Vooren. it then you run to neare the foreign Rifte off Silt , the hill is church or fleeple, and run foalongft unto Vooren. Betwixthe Ruft and Barling, fand goeth a faire deep chantened in two parts, the northermoft is the fmalleft. then also in two parts, the northermost is the smallest.

wards, untill that Ameren lie fouth and fouthfouthweft from the control of the Ameren lie fouth and fouthfouthweft from the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the co eight, neme, and twelve fathom, there lyetwo riffes, or bad Betwixt Haef-fand, or Haes-fand, and the Iland of Rem thom, it is called of the Juthes the Borne, or Ameren-Borne, on the off-fide, fo that you shall scarce see that land in fixe or although that it be not fast to Ameren, for the Red deep goeth feven fathom.

keepe the fouth fide untill you come within the beakons, in the in betwixt them both. It is not also fast unto the Voortrapts, the outermost fand that lieth on this coast. They that use this The South-balgh goeth in to the fouthwards of the forefaid coast much, either for Rypen, or the quarters thereabouts are The South-baigh goeth in to the nutriwards to the total and to a time the further than the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Charles and the Cha

The other fand shooteth of from the fouth end of Ameren, y North, and commett out into the rever by the third season.

The North-balgh lieth into the northwards off the Hever The North-balgh lieth into the northwards off the Hever The North-balgh lieth into the northwards of the Hever The North-balgh lieth into the northwards of the Hever The North-balgh lieth into the northwards of the Hever The North-balgh lieth into the northwards of the Hever The North-balgh lieth into the northwards of the Hever The North-balgh lieth into the northwards of the Hever The North-balgh lieth into the northwards of the Hever The North-balgh lieth into the northwards of the Hever The North-balgh lieth into the northwards of the Hever The North-balgh lieth into the northwards of the Hever The North-balgh lieth into the northwards of the Hever The North-balgh lieth into the northwards of the Hever The North-balgh lieth into the northwards of the Hever The North-balgh lieth into the northwards of the Hever The North-balgh lieth into the northwards of the Hever The North-balgh lieth into the northwards of the Hever The North-balgh lieth into the northwards of the Hever The North-balgh lieth into the northwards of the Hever The North-balgh lieth into the northwards of the Hever The North-balgh lieth into the northwards of the Hever The North-balgh lieth 
### The Haven off Lift.

About eight leagues to the northwards of Silter-deepe lieth the Haven of Lift, which runneth in by the north end off the Iland Silt. For to faile in there, comming from the Southwards, runne to long to the northwards in fix or feven fathom, that you may see a little Hand without the point (which lieth within thefe outer Ilands) upon which frandeth a house, called Jeurtmans house: when that house commeth a mast length without the point off Lift, then goe in eaft and by fouth, and ealtfourheaft keepe those markes so standing untill that you be within the point of Lift, edge then up to the fouthwards about America mail then bee north or the read about by them, and there the point, and anckor before the Vochts house, there it is nine and ten fathom deep. At the entring off the channell lieth a plate or fand, called Haef-fand, that you fhall leave on the lar- Haef-fand board fide, when you come in, it is in the off-fide very flat, and good for to found when you come from the northwards. For to avoyd that when you come from the northwards, edge of fo far from the shore, that the red Cliffe come without the fand-If you leave that on the starboard fide, you should runne into a hils, or that you may fee it plainely: Then you may goe well over Haef-fand, with a ship that is not of a very great draught depth, but runneth at last by little and little to nothing: you Likewise when you come out at the channell off List, and are bound to the northwards , faile fo farre out that you may fee the Cliffe, and then you may goe over the forefaid fand, which lieth from the fouth end of Rem a good wayes into Sea.

On the fouth fide off the channell off Lift lye also two fands or bancks alongft the shoare not very farre without the strand, the innermost or northermost is called Barling-fand and the Barling-The Red-deepe to faile in at the Red or Silter-deepe comming from transfer for to faile in at the Red or Silter-deepe comming from transfer for the faile in at the Red or Silter-deepe comming from the faile in at the Red or Silter-deepe comming from the faile in at the Red or Silter-deepe comming from the faile in at the Red or Silter-deepe comming from the faile in at the Red or Silter-deepe comming from the faile in at the Red or Silter-deepe comming from the failed in the failed beginning from the failed in the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning from the failed beginning f the northwards, cross to Esca, runne inghest fite island mingroom the fouthwards, round to Esca, runne inghest fite island in fine to the midded of Ameren leth a white round his transfer for the Chiffe, because of the Rult which a little ligher then the other hommocks in a flow plaine val-ley bring that northealt from you, and run in fo right withit. When that you have the founding off the flore, and are come untill you come within the riffe that shooteth off from the lomwhat within that red cliff, there shall meet you a flat from Voortrap, and commonly is called Ameren Borte, and fo you like floore, which you multi fomewhat are wide, and then you may can not take any hart offit, and then you shall have upon the lound very well keep all alonght the foot flrand, there you can point of the Riffe not leffe then three fathom water, and within take no hurt of it, From the Inner point off Lift shooteth off the same rifte eleven, twelve, or thirteene fathom. Saile so in also a little rifte, where of you must take heed. When that you untill that the north end of Ameren be north and by call from are come within the Innermost point of Lift, then you may you, and then run right with the north end of Amereu, untill anckor where you please. If you will goe to Lutke Tonderen, you come within the dry fand, and there you may ankor where theu leave that fand (which lieth to the Southwards off Jureyou college within the crystant, and there you may answer the parties of the college within the crystal parties of the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college within the college any tailes that men might faile within. When the forefaid hill leave that fand on the larboard fide. Upon Vooren ftand two upon Ameren is eafthortheaft from you, and faile for ight with or the threes, thefe you must keepe over the westermost

For to falle in arthe Red deepe, or Silter-deepe, comming of from Holyland, and that you have gotten fight of the land, theu bring the north end of Ameren north and by eaft from you have gotten fight of the land, the ubring the north end of Ameren north and by eaft from you have gotten fight of the land, the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of the land of untill that you be come in betwirt Ameren, and the Riffe off deepe, bring the white cliffe upon Silt eaft, and eaft and by Silt, runne theu in alongft by the Strand of Ameren, until you north from you and run in fo right with it, and you shall fall one, name mentioning of the section of American and footnotes the section of the section of American and footnotes the section of American and footnotes the section of the section of American and footnotes the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the sectio

fand, the one shows welftouther from America, ny above government of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of t

another banck a long the shoare of eight or nine fathom, and is about a fathom up and down, this panes and the rando it is influence fathout deeper, or again water. The land betwist Langelegh and Zuyder-zyt is ragged nine fathout a fe about d the Hand Silt, then lieth Holyland water. The land betwist Langelegh and Zuyder-zyt is ragged about fouth from you.

Knuyts deep, or Riper-deep.

and Holyland lie north fomewhat welterly, and fouth fome-this kroeg-four you may found this land at along it in 2 fathom and reorganic de from the other for to faile into Kuuyts or and an halfe off from Langelegh until you come within Schelwhat eatterny one from use other not to make mot Newys or laws annuary one from Lawsgreege many viscosity of the fathous and Ryper-deep comming from the fourthwards, run about by the ling-kroeg, but if you run in three fathous of three fathous and Ryper-deep comming from the fourthwards, run about a feather of Renault (all without the drie fand, & run about a fea-flat of Rena and Manu towards the fourth ende of Phanu, called a halve, you fhall faile without the drie fand, & run about a fea-flat of Renault (all without the drie fand, & run about a fea-flat of Renault (all without the drie fand, & run about a fea-flat of Renault (all without the drie fand, & run about a fea-llat of Renault (all without the drie fand, & run about a fea-llat of Renault (all without the drie fand, & run about a fea-llat of Renault (all without the drie fand, & run about a fea-llat of Renault (all without the drie fand, & run about a fea-llat of Renault (all without the drie fand, & run about a fea-llat of Renault (all without the drie fand, & run about a fea-llat of Renault (all without the drie fand, & run about a fea-llat of Renault (all without the drie fand, & run about a fea-llat of Renault (all without the drie fand, & run about a fea-llat of Renault (all without the drie fand, & run about a fea-llat of Renault (all without the drie fand, & run about a fea-llat of Renault (all without the drie fand, & run about a fea-llat of Renault (all without the drie fand, & run about a fea-llat of Renault (all without the drie fand, & run about a fea-llat of Renault (all without the drie fand, & run about a fea-tlat of Renault (all without the drie fand, & run about a featlat (all without the drie fand, & run about a featlat (all without the drie fand, & run about a featlat (all without the drie fand, & run about a featlat (all without the drie fand, & run about a featlat (all without the drie fand, & run about a featlat (all without the drie fand, & run about a featlat (all without the drie fand, & run about a featlat had or neur ann orant to some the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of the source of head, bring those capes a little through one another, to wit the doe lie at Conings borough in the Kettell. If so bee that you innermoft or longit a little or a hanfpikes length to the north-come from the northwards, and are bound into this Haven or wards of the shortest or outermost, and then they shall stand Kroegh, you may run about by that drie sand in three fathom,

Or keepe the founding of the fouth shoare called Coerfand, and run by your lead first east and by north, then east, and at last eath and by fourth in by it, you shall, sinde there upon the denbergh, that is a short hommock of a sand-hill, which lieth flowdded not leffe then renfoot at low water, and common goods, the revision it is a most nonmock or a rand-mit, which ned repet the capes, then infer up to the northwards, about the fand the capes, then infer up to the northwards, about the fand where the capes frand upon, and anckor there where you pleafe, thereit is wide and broad, and alfo deep and freepen to that wide and broad, and alfo deep and freepen to that there you can take no hurt. The Ryper finites that are bound out, doe lye there for to flay for a winde. Behinde the wards, and get fmooth water for a northwell wind, and alfo for upalong to Rype with great flaps, clofe to Rypers, but ofter the deep look of the there is a flowled neck betwist 2 works and the clock of the there is a flowled neck betwist both, where look is that there is a flowled neck betwist both, where there is no more then 6 foot depth. With final ships you may Coast lieth eastfoutheast and westnorthwest towardes the also faile about be hind Rem towards Jursand, there is a low water about 7 foot water.

Comming from the northwards for to fail into Riperdeepe, aboveraught. This channel is not the best channel in foule home, or as fome doname it Devilhorne, which lieth at fome above taught. This channel is not the belt channel in foule weather, for it is narrow and farre off flould without it: but when you flall be entred into it, you may eafly fee both flots breach, if it blow any thing hard. breack, if it blow any thing hard.

A fourthfourthwest and northnortheast moon maketh here

the northwards of it lieth a long plaine fand-hil, called Lange- thome. leg: from thence lieth the land towards Zuyder-zyt westnorthwest and east southeast.

northealt, and keep the fourth flore, until you come within or three calt, according as it finall blowe hard or folfs, and that that dry fand, which flootecth off from Phanu, called Smeur-fond, you may run to that upon your fight without doing against five fathors, and found it about by that flouidle fand, amiffe, but leave that on the flathboard fide when you come in. The flores are there abouts both of the very fleep, as well.

Widdke, (that is the Plate which litch in the channel) as allowed the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of t

anckor there until that you have the lowelt water, and then afternoone yet innine fathome: whereby it howeld appeare, and they you may faile to Hartingen, and go on foot to Wardt, or that Doggers Sand thowld have his beginning at this banck. Woerde, which lyech eight or mine leagues within the land, theriver is very croocken; upon the which here and there lyeth a Gentlemans house.

About eight or time leagues a feaboard of the Iland Silt lieth | the highest water, and there it flouweth with a common tyde

about two leagues long, about fo lang as the lland is. Berwixt | From Phanu to Schellingkroegh it is four leagues, be-schellage this banck and the Iland it is thirteene fathom deepe, being in twixt them lieth Zuyder zyt a little river of eight or nine foot reeg

land with fand hilles, and rough, being grown with forrie graffe, or heath. If you should fall with the land at Zuyder zyt, Suyderzyd and that you could not lead it into the channell, then choose From the channell of Lift to Knuyts or Ryper-deep the courfe is north and found about 7. leagues , but Ryper-deep the courfe is north and found about 7. leagues , but Ryper-deep the courfe is north and found about 7. leagues , but Ryper-deep the courfe is north and found about 7. leagues , but Ryper-deep the courfe is north and of Langeley and of Langeley and the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the course of the

wards of the instruction of untermore, and then they must taking the cathorithealt from you, keep them for flanding, and faller light, when the cathorithealt from you come by the innermoth point of that drie fand, there in with them, and to you fall indie the outermost buye, lying (hototth off a little tail of fand, but you may feet it weel, and on the north floare in foure fathorism the channell, called Old Kuper deep, leave that buye on the invoke of fide, and then the channell great fathorism that the channell and the channell great fathorism that the channel great fathorism the whole the channel great fathorism the whole great fathorism the When you come into that Kroegh, and fand, luffe up about it, untill you come into that Kroegh, and goe inwards eaft and by north, eaft, and eaft and by fouth unto thefecond buye, you must runne also about to the fourthwards you may make there a good boart, and turne it in to windof it, for thwart of it commeth a flowld flooting off from the | wards. A fourthouthwest and northnortheast moone maketh or it, for the warf of it comments a nown incoming our from the wards. A commonwear and normal orman orman machine in north horace, from the outermost cape towards the fectod buye, which you must avoid. up and downe.

At the north end of the forefaid drie fand lieth the Doo-

A little to the northwards of the Dodenbergh lieth the Growe-deepe: to the northwards of it north, and fouth to-wardes Welterzijd is a village lying betwixt the blawenbergh and the Horne.

About this pointe or Horne runneth off a long banck a- Reefsyouthall efpye the forefaid capes, and doe then further as is boute twelve leagues well-outhwelf into fea, called Reefs. home, men can but even see it from the land it is at the deepest by the land, to weete four fathome lacking a foot. He that commeth there from the northwards with aship of a great draught, must take verie good heede, for it is upon, the northwest side About northeaft, or northeaft and by north from the north of freepe, that men final have one cafte two and twentie, the end of Phanu lieth a little Hill, called Luysbergh: a little to next call fifteene, and the third call no more then three fa-

When you fall with the land with westerzijdt or to the northwards of Ree shorne, you may found alongst by the shoar Betwixt the north point of Phanu and Langeleg goeth in in fixe or feven fathom, untill you come neare the forefayde DEVISION DE LO CAMBRILLO DE L'ANDRE L' the north end of it (which is farre flat. When as that you get liteepe on the north fide: from the northwards you may not deeper water , you shall see three or four hommocks about come nearer it , then in seven fathome. A little to the southoctive at the control of the second of the months of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control o bleslength to the northwards of the Hommocks, goe in then three fathome, or three fathome lacking a foot water, at two northeast, and keep the fouth shore, until you come within or three cast, according as it shall blowe hard or foft, and that

W muse, time to the tale woth mean the talancials and partitle point of Singerfand, but without the financia are flar. When you are out of Rinkoppersdeepe, with a foothweft waye, and a good part the point of Singerfand, edge then over to Widike, and portheast winde then they are about four of the clock in the

little from the strande, called the Blawenberh, going playn A fourthouthwest and northnortheast moon maketh there other land, being grown with fipprie graffe, to the fouthwards of this Blawebergh lieth that filters village Wetterzijd be-ble land of Rinkoppen, (called the Holmes) alongft over this twist that village and the Horne lieth one black hommock, land, and also a Gentlemans house, otherwise the land is altogether Betwixt Boevenbergen and the Reeshorne lie some bancks full of hommocks

### Rinkopper deepe.

Doodenbergh, molt fouth and north about feven leagues, all thirteene and fourteene fathome, the ground is groffe red fand alongft a faire firand the beft, to beknowne of this coath, is
the forefaid Blawebergh, and thefe two forefaid white Sandblaw.

When Boevenbergen is cathor the aff from you, it fleweth
blaw.

Rinkop. For to faile into Rinkopperdeep or the Haven of Numen fide, with a church, and alfoa church on the fourth fide, and alfoa church, and alfoa church on the fourth fide, f the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of the fide of runne acong it by the land or Wett-zyd, in linke of feven la-thome, juill that you come to the two forefaid great white sandhilles, and then you fhall fee upon a lowne land two capes, upon each of them flandet ha barrel. Bringe them one in the o ther, and then they shall stand north, or north and by east from with spyrie grasse, here and there standeth a flat steeple in you, faile in right with them, and you shall finde a buye, except the land. you, nauem rigut with them, and you man time a buye, except ince and.

it be laide formewhere els. Right before the have not Numen Aboute five leagues from land lieth a bancke of tenne fallieth a Sandher, named Gladel aper. For to faile into the thome, but it latherth not long before you get againe deeper fouther channell, then leave that plate on the larboard fide, and water. The Riffe With Cannot to do a millip, but runne in boldly by it upon in eithorine, then the xize from you northwest most better by the result of the the xize from the xize from the xize from the xize from the xize from the xize from the xize from the xize from the xize from the xize from the xize from the xize from the xize from the xize from the xize from the xize from the xize from the xize from the xize from the xize from the xize from the xize from the xize from the xize from the xize from the xize from the xize from the xize from the xize from the xize from the xize from the xize from the xize from the xize from the xize from the xize from the xize from the xize from the xize from the xize from the xize from the xize from the xize from the xize from xize from the xize from the xize from the xize from the xize from xize from the xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from xize from x jour lead, that is the verie fureft waye of all to fayll in alongft | north 24 leagues, running over it in feventeen or eighteene by the ftrand, when men are care full of the lead.

Being pair Giadue nep', fund. the transfer of the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and properly fund to the foot point and p are come within this poynt, you may anckor where you please. from the land it is twentie fathome deep grosse from land, li-This channell lieth in most north and north and by aest, untill ke to peafe. you come within Gladde Iaep, and then fomewhat more ea-fterlie towards the forefayd poynt. In this channell goeth an gues, it is 25 fathom deep, redde and black fant ground that is indifferent ftrong tyde, because there lieth such a great Sound the ground of Doggers sand. indifferent frong tyde, because there lieth fusch a great Sound within, It flower there a little up and downe, no mere then two foot and a halfe, with a common tyde. A fountwest and north-east Moone makert there the highest Water. Right to the foot and the continuates of Gladde laep runneth in another channell, but found the foot and the continuation of the land is sufficiently and the continuation of the land is distinct without a freeple. When that highest of the land is distinct without a freeple. When that highest of the land is distinct without a freeple. When that highest of the land is distinct without a freeple. When that highest of the land is distinct without a freeple. When that highest of the land is distinct without a freeple with the land is distinct without a freeple with the land is distinct without a freeple with the land is distinct without a freeple with the land is distinct without a freeple with the land is distinct without a freeple with the land is distinct without a freeple with the land is distinct without a freeple with the land is distinct without a freeple with the land is distinct without a freeple with the land is distinct without a freeple with the land is distinct without a freeple with the land is distinct without a freeple with the land is distinct without a freeple with the land is distinct without a freeple with the land is distinct without a freeple with the land is distinct without a freeple with the land is distinct without a freeple with the land is distinct without a freeple with the land is distinct without a freeple with the land is distinct without a freeple with the land is distinct without a freeple with the land is distinct without a freeple with the land is distinct without a freeple with the land is distinct with the land is distinct with the land is distinct with the land is distinct with the land is distinct with the land is distinct with the land is distinct with the land is distinct with the land is distinct with the land is distinct with the land is distinct there is no more but eight foot water.

Further within the Haven of Numen it is Pilots water , but fand, with fome little stones among stit. hippes that are not of greate draught may well faile up, efpe-cially at a lowe water. The deepe runneth along they the ftrand fterly, off from the north points of the Holmes: to wir, beof Numits, keeping alongst by it you can not doe amisse: so twixt the north poynte and the Holmes, and the easter poinour values, accuming along up y tyou can not one amine: ) of what one north popure and the Holmes, and the eafler point alone as you good firm it; you child lie in diampter to fayle le, their alteredance (in manners as the Timdell of Leidole) within the fluores or tayles which lye off from the Wale of the words the hand of Numir, therefore rume clock along thy the remainent about two third parts of the water better the forested thand of Numir of long, untill that little church that Soundanck and the north popular of the water better that the words are the latter popular and the order that parts are the soundance and the north popular and the other that parts are the soundance and the north popular the content of the water better had been contained to the soundance and the north popular and the order that parts are the soundance and the north popular that the soundance are the soundance and the north popular and the order that the soundance are the soundance and the north popular and the order and the soundance are the soundance and the north popular and the soundance are the soundance and the soundance are the soundance and the soundance are the soundance and the soundance are the soundance and the soundance are the soundance and the soundance are the soundance and the soundance are the soundance and the soundance are the soundance and the soundance are the soundance and the soundance are the soundance and the soundance are the soundance are the soundance and the soundance are the soundance are the soundance and the soundance are the soundance are the soundance are the soundance are the soundance are the soundance are the soundance are the soundance are the soundance are the soundance are the soundance are the soundance are the soundance are the 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Sayle then the course is northeast nine leagues. on north, and by little and little north and by east, untill you A little to the west westwards of Robsnot in the bight tocome before Rinkoppen, it is there broade, large and wide, and wards the eafter point, nearest to Robshot stand five churches the right deep two fathome and two foote.

gues a funder one from the other.

To the northwardes of Rinkoppen goeth a little river into alongst a flat strand. the land, upon which lye two little townes, feven or eight leagues in the land, the one named Hostebro and the other called Misdorp.

yet another little haven inwardes out of the fea , named Trof- called Werlom. mone, there thank two manes, you must keepe them one in the other, and runne fo into it: there lieth a little village where of franches a church with a flarpe fleeple. The land within called Trofmonde. From thence you may fayle over flatleth away to the caftwards from this poynt, with a great the Wadt to Rinkoppen.

This little haven is not to be reckoned for a Haven because fometimes it is cast too, and sometimes there may goe in and is almost three leagues from the shore. out againe Boates or Crayers and finall shippes.

venbergen the land lieth most north and south tenne leagues, there is all along ft betwixt them both a faire frand with wite the land. fandhilles, growne wit fpyrie graffe.

of feven, eight and nine fathom, and also some that are deeper. Boevenbergh is a long fmooth hill, having in the midden boere a high round hommock or hill, and upon that hill flandeth a beiges, To the northwards of the forefaid Blawenbergh lie three or church with a freeple: when you come thwards to laud with four lowe white Sandhilles, and by the haven of Numen also Boevenbergen: it sheweth it selfe in three hilles, the middletour roge white Sandhilles, and by the haven or Numen allo pocycusergen: it mewent retels in three hites, the middle-two great white Sandhilles close one by the other. To the morthwards of the Sandhilles runneth in that Haven of Numen, the land lieth betwist the Haven of Numen and the

it felf in a long hill, with fome dale in the middeft on the north

the strand, when men are care full of the lead.

Being past Gladde Iaep, runne then towards the north fand, on the south side stonic like as pease and beanes.

north end of, it then it is fifteen fathem deep, groffe roug

with flat steeples. There lye also two blewe lands betwixt the Rinkoppen and the havens mouth of Numen lye foure lea- eafter point and Robfnot, in the high, you may fee also a cloved hill or fand-hill before you come to Robfnot, It is the all

To the eastwardes of the Holmes goeth in a little river

A little to the weftwards of that white cliffe or of Robfoot A halfe league to the fouthwards of Boevenbergen goeth in goeth in alfo a little River, whereupon lieth a little towne

mone, there fland two maftes, you must keepe them one in Robinot or Robbekmuyt is a high round hill, upon the top-Robinot pight towards Hartshals.

Thwart of Robinot is fatre off flatte, fifteene fathom depth

There also thwart of Robsnot about source leagues from From Rinkopper Deepe or the Haven of Numen to Boe the shore liet a banck of nine fathome, lying along the shore. Thwarte of Robinot lieth also a rock about a league from

From Robinot to Harthals it is northeast and by east four Harshale

over that high land.

beene shippes loft, but men doe seldome come neare it.

Sea- From Harthshals to the Scawe or Scagen the course is east-

northeast eight leagues.

Hartfhals and Robinot.

Church with a flat fleeple, called Old Schaugen, when that is at the flouldeft betwirt them 3 fathom water, but about a leafourthfoutheast from you, then there runneth of from the shoard the Helmes , betwixt the Helmes and the north end of re, a litle spitte or should, there you must edge formewhat of Lesou, it is source leagues broad, and in the channel tensathori re, alticle friere or thould, there you must easy to the from the finear, otherwise it is all aloust a feet printed betwix:
Hardfalsand the Scawe, but you may founde about this little the food in four and five fathout for terrar a you will.

The lying of the Helmes, and how men final come to askor for the fine father than the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by the first printed by

fourthwest and by west from you, then are the fire beacon and about it is described before. the fteeple one in the other, and then you are right thwart of Betwixt Lefou and Seabuy lye many dwale grounds, which east, and east and by north almost a league into sea.

in using the lead, he may take the founding of the shore so neare of seabuy is seven and eight fathom deep. as he will according has the winde shall be, in eight, seven, sixe, five, four, and also well in three sathome, without doing amisse, to the maineland then Leson, lye also some uneven dwale he neede not to feare : if he be but carefull in using his lead, grounds, upon which there is no more water then 10, 11, and with a fouthwest winde, he may fayl about in three or four fa- at some places 12 foot. Hee that draweth but 8 or nine tood

When the fire beakon commeth to the east fide of the houses you are on the east fide of the Riffe.

fes , nearest the west fide , then you are right upon the point of channell lieth in first west and by south, about a cables length, the Riffe, what depth that you have then you shall keep it stil, then you must run up northwest and west right unto Hals, and without finding it shoulder, wheter you faile alongst foutheast run in by the north shore, untill thwart of Hals from the south

the Scaw to the weltwards may not found the Riffe because the bight, and in the crooked channel you must shun the north the fouth fide of it is deepe and needle to, it is not good to co- flore fomewhat and then againe northwest and by west me neare to it then in twelve, thirteen, or fourteen fathom, alongst by the north side unto the second crooked, and especially by night or darke wether.

Marks of this Riffe, as well over the one fide as the other, then marke, the four for to fayle in there, it is bed to take a Pilot. By the comming from the wellwards, when the old church and the fourthliore goethin allo a little deepe of fix and feven foot. firebeakon are one in the other, then you come upon the welt-fide of the Riffe: comming from the fourthwardes or the eaft-within the river. Alfo there lieth along ft this coaft to the weltsucress, means committing from the following set the death of the water from the following from the following from the following from the following from the following from the following from you following from you following from you following from you for because from the following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you following from you follow of that Riffe: when the steeple or firebeakon is westfouthwest deep, the channel there betwixt them is about 10 or 12 faand by fouth from you, then you are within the Riffe. This thom deep. you may fet by night, by the compafe, and so may perceine, wether you be within or without that riffe, when the Firema-by and so within or without that riffe, when the Firema-by cast about 20 leagues. ker doth fire well. You may anckor on both fides of the Rif-tein feven or eight fathom, and have roome enough to fet fouthealt and by fouth about nine leagues. There betwirt Marineker faele. Some also fay, that men may runne through betwixt the them the land lyeth in a great Bay, where in lye the two

a figue that they are about the rifte of the Scawe.

Angue that they are about the rifte of the Scawe.

When you conneabout the Scawe from the weltwardes, and we conneabout the Scawe from the weltwardes, and are bound or the Sound or the Belt you must take, an especial!

Legues. Halelyn is on the outer fide full of floudes, rifles, and Italian. care of the tyde that commeth out of the Belt which falleth grounds. A larger description of Haselyn and Anout as also of commonly out of the Belt towardes Norwaye, especially when all the foule grounds and shoulds, lying the reabouts, you shall the winde hathblown a while east or northeast, it can carrie a finde in the first Demonstration of this book. the winde hath blown a while eath or northealt, it can carrie a indefinite intribution of this book.

Orunday

Thipp by night or darke wether under Norwaye, before you

A little to the four hwardes of Stevenshead lietha little town Chalek. and twentieth of may that a flipp comming thwart of the rifte the river of Grimfound in a bay a little about the poynt

leagues there standerha flat steeple betwixt both nearest to driven with calmes in eight houres; untill shee came within Robinot, there you may fee the high land of Lackley, along t three leagues neare to the land of northeast, about Harmenshooft five leagues to the wellwards of Maelitrand, fo great and Hartflals is a long fmoot hill, which is at the eaft end fome- throng current there did fhoore along they the rifle towards the Data as a stoog moor maximum as a me care on once when the composition of the distribution of the composition here upon.

From the Scaw, to Seabuye the course is fouth and by well fixe leagues, there it is upon the road four and five fathori The land to theealtwards of Harthals is altogether full of deep. Betwixt the Scaw and Seabuye lyethe small Helmes fouhommocks and fand-hilles, you may fee the high land of Lak. Te legues from the Scaw, and two leagues to the northwards ley also along to ver this land. Along the the coattes men finde of Scabuye. When you will faile into the Belt, you must leave none fuch long plaine hilles, as are Boevenbergen the Holines, then on the starboardfide, going on still fouth and by west untill thwart of feabuy, you may also faile through betwixt the Somewhat within the point of the Scawe standeth a flat Helmes and the main land unto feabuy, if you will, there is

Upon the eaft end or outermost point of the Scawe stand- twixt the Fielmes, the Scaw, and Lesou, rogether with the deerb, a fire-beakon like a Cape too fee too; when the Church is feription of the fland Lefow and the riffes thatly courthere

the riffe of the Scawe, which lieth of from the point eaftnorth are very uneven of three, foure, five and fixe fathom the like uneven & should grounds lie also within or to the fouthwards He that commeth from the westwards, and will faile alongst of seabuy, of foure, five and fixe fathom, but the right channell by the land, about the Riffe, must especially by verie carefull through betwire the dwale grounds of Lesou, and the shoulds

need not feare of them.

From leabuy to Aelburgher deepe, the course is fouth and leinto of the Scawe, then you come againft the welf fide of the Riffe, by welf liven leagues, upon the north fide of the Faven flan Aelburger when the fire beakon and the Church are one in the other, then deep called Hals, in the havens mouth lieth a buy, deep. and upon the fouthland fland two Capes, which you must When the fire beakon commeth about halfe wayes the hou- bring one in the other, by them you shall finde the buye, the point, of the land shooteth off a flat which you must avoid; He that commeth from the foutwards, and is bound about being thwart of Hals you must goe fouthwest and by west unto then fouth-fouth-west and afterwards west-fouth-west unto For to knowne by certaine markes, when you are cleare of the town, in the comming in by the buye, it is two fathome.

the neeple and me ocacon are rountwest or y water that they are one in the other, and then you are thwart of with a should ground about half wayes betwixt Stevens head the Swethat Rife. When the fleeple is fouthwest and fouthwest and Seabuy or 5, 6 and 7 fathom. This should is called the Theras by fouth from you, then you are without, or to the westwardes Swetering, & lieth about 3 leag. eastwards from Aelburgh

riffe and the land (If neede require) in two fathom and a half, little townes Mariacker & Randersen: Mariacker lyeth Betwixt the Scawe and Maelitrand or Norwaye it is all foft from Aelburgh deep fouth and fouth and by weft 4 leaguground, the neare to Norway the deeper water. When men es, and from Stevenshead, five leagues. But the faracome out of the Sound, & are in the farewaie, and can getter no ker and Stevenshaven lyeth the River of Randersen, ground in eighteen, twentie, & two and twentie fathom, that is which runneth up crooked farre into the land, unto the little town Schandelburgh.

should thinke of it, it did happen in the yeare 1005, the three called Oruntbuy, there lye the Chalck-grounds right before Grounds. of the Scawe, fo that the riffe did by fouthwest from her, did off Stevenshead : that is a fand two or three foot water,

but not far of it, is ten fathom deepe you may found them in through betwirt the two foresaid Handsa weather of Russes foure fathem. You may faile up in to Grimfound, unto Grim- neffe, you must leave at least the two third parts of the water ftee, that is a lading place or Huies.

From Stevenshead unto the great Helme the courfe is foathwhich is nine leagues diffant.

de , and the other upon the fouthwest fide.

leagues, to the northwards of Syero lyeth a ground loofe from what more fouthwardly, the ground is very uneven of 5,6,7,8, the land, divided into two Riffes, which men must avoid. The and nine fathom, On the fouthfide of Haters riffe it is good fe two Riffes lye at fome places above water.

From the foutheast poynt of Siero lieth of a riffe towards

Rufnes, here you may anckor behind it. northnotthweft, and fouthfoutheaft foure leagues diffant, the- wards but to the eaftwards of it betwixt Rufnes and Hafelyn, re it is 4 and five fathom deep. From Wero there runneth of lyeth of a riffe at leaft two leagues into fea, which lieth dry at ashould unto Kyholm, and about Kyholme: and also about the the ende, and by it, it is very steep, close, alongst by the end it among dute Rynom, and as of the Cymonic and another the little Hand-Samps, it is also full of flould grounds, which run is eight fathom deep.

From Rusnes to Sproit is fouth and by east eight or nine off unto the great Hand Sampfo.

and northeast foure or five leagues.

a little riffe worth into the fea, you must found close about by shore of s fathom depth. it for to come into the road of Sampio, when you will ancker From the eaft end of Spro runneth of a litle riffe or ledge of be there under the Swan-grounds sheltred for all windes.

well and by north, and w.northwell five leagues. It is there all doe lie at the Kay, and let their goods be carried into the ships. midth betwitt the two othersharp fleeples, there is the best wards of Wenn-chough the channel betwitt Wenn-chough the channel betwitt Wenn-chough the channel betwitt Wenn-chough the channel betwitt Wenn-chough the channel betwitt Wenn-chough the channel betwitt Wenn-chough the channel of Harten ground, and good road in three-shore, & five fathous, following in rife, and will faile to Roems, let him go on due fouth and by welter the channel of the flushward of Andrough channels in the March and the channels and the state of the channels are the channels and the channels are the channels and the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the channels are the very carefull ann circumfpect in looking out, and not fpare Roems and Fuynen you may run thorow in two fathom, but your lead, but you may ankor & have road there every where, with great flips you can not goe though there.

For the University of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of but a creek for to faile through.

edge somewhat of there from the land, and faile right with and Spro, it is 10, and 11, fathom deep. the lland Tons, and to you runne through betwixt the Norther Even about to the fouthwards of the point of Knuythead altogether one course from Horsens to Tons, and forth to with ships to the Kay, and let their goods bee carried in what Samplo, and the point of Ebeltud, too wit, Northeast and they will.

fourheaft eight or nine leagues. found, the course is fourthfouthwest 6, or 7, leagues. The Mel- From the fourthwest end of Spro shooteth of a litle riffe which versound is a deep found of 20, and 15 fathom, very crooked you must avoid. At the north end of Langeland Ive the the course is S. W. and fouthwelt by fouth five great leagues, is fouth foure leagues and then you leave the Friffel lying

leagues. The n. well coaft of Fuynen lieth fouthwand by well about on both fides of it. Through betwixt Taffing and that eight leagues. The little lland Ebelo lieth of a league from little lland, or you may run alongit by the land of Fuynen, the feme, right before Bowens, but you cannot faile through untill that you come to the little Towne of Swineburgh, is the read before Bouwens in eight and nine fathom.

broad lying further then halle way to Siro. When you will run with the foule grounds (which lie betwixt Arr and the fouth-

fourthwest about fix leagues. The land liethfrom Stevenshead The foresaid riffe is called Haters riffe, is on the east side unto the point of Ebeltud fouthfouthwest feven or eight leag very hard and stony, hee that commeth from Baltfack, he shall rifle, Ebeltud is a little Towne lying within the laud thwart of the run close to the Iland Wero, for to avoid that riffe, the channel great Helme. Betwist the great Helme and Jutland it is fixe betwist the riffe and Wero is not very broad, and 3 fathom.or and feven fathom deepe. Close by Stevenshead, and the three fathom and a halfe deep. He that commeth from Roems point of Ebeltud is eight nine, and also tenne fathom deepe. or Russies, and will faile through Wero sound, let him bring The gret Helme hash two Risses, one upon the northealt fit the great Helm to the ealt fide of Wero, and keep them so standing failing on fo right with them, he shall so doing) take From Stevenshead to Sicro the course is fouthfoutheast 8 no burt of Haters riffe. BetwixtSyro and Haters riffe and fomanckoring for northerly winds in 6, and 7 fathom,

Rufnes and Syre lye northnortheast and foutfouthwest about foure leagues afunder.

From the great Helme unto the lland Wero, the course is From the point of Rusnes runneth of a little rifle to sea-

runto rine great faund samplo it is found the land samplo From the north end of the Iland Samplo there shooteth off lenburch lyeth a flat alongst the coast about a league from the

there. It is there in the road tenne fathorn deepe, and you shall rocks, and over against it commeth also a flat shooting of from the land, betwixt them both it is 4 and 5 fathom deep, But be-Aerhuyfen From the fourth end of Ebeltud to Aerhuyfen the course is hinde or thwart of Spro lieth Caffeur, a faire Have, where men Caffeur.

should water of 2 and 3 fathom deep. He that will ankor in the From Spro to Langeland the course is southeast, & by south road before Aerhuysen, let him bring the great steeple in the foure leagues distant. He that commeth alongst to the eastas you will. To the fouthwards of Aerhuysen goeth in the We- east, and then he shall runne alongst about an English mile to derfound betwixt lutland and Sampso: hee that will sayle in the eastwards of the Boltsack, and sall with the land a litle to there, must be well acquainted, for it is there all full of riffes the eastwards of Roems: likewise hee that goeth from Roems, & shoulds. You may not also use that fareway by night, by rea- or a little to the eastwards of it, on north and by west, hee shall fon of all the fands and shoulds, and also by day you must be fall betwixt Wero and Haters riffe rigt in the fareway. Betwixt

Tuns and the Swangrounds on the larboard fide, running all Rooms lieth afhould of 3, 4, and five fathon, which is freep, along they the Iurtufi coaft in 2, or 3 fathom, until paft Horland from left hup fo fuddenly, that a man, not knowing of ir, fens, or the Hand Endelau, which you may not faile to, not and findeth it fo by the lead, should be affrighted at it. To the come neare from the weltwards, by reason of all the grounds southwards of Roems, in the land of Fuynen lieth a little which lie before it on the well fide. It is a narrow channel be- towne, for to lade, called Cartemonde. The Haven goeth in Cartemon twixtEndelann, and the main land, lying from the Wederfound from the callwards, and it is should on the west fide, there lie de. through the Swan-grounds fouth, it is on both fides should, and no buyes in the Havens mouth, there is no more water then 5, fix, or fometimes feven foot.

When you come off from the Melverfound and will fayle From Rocms to Spro, or Knuytshead, the course is south Spro through the Wederfound, it is best to runne alongst by the jut- and by east, and southfoutheast, leagues. Betwixt Spro and tifh fide untill thwart of the river of Horfens, then yo must Knuytshead it is 12, and 13 fathom deep. But betwixt Roems

and Souther grounds, leaving the Hands Tons on the starboard in Buyen lieth the haven of Nyburgh, when you are about Nybourgh fide. When you are then past Tons, you shall runne out close by the point you runne right up to the towne, about northwest, a the north point of Sampio, towards the land of Ebeltud, it is league there it is fix and feven fathom deep. Men doe lie there

From Knuytshead to Langeland the course is foutheast 4 Melver- From Horfens, or that Iland Endelaw unto the Melver leagues, and then you leave Spro lying on the starboard side. vermond in a recipronal control of a familiary land of the first of the Friffel 1, which are round about very the Friffe are both high lands. From the lland Ebelo unto Melverfound fould. From Knuytobeat to the Hand Taffing the course From the road of Sample to Ebelo the courfe is f. f. w. and on the larboard fide , and run through betwixt the Friffell fourthwest & by fouth 5 leagues. From the fouth end of Samp- and Fuynen. If you be bound to Swineburgh, then go from Swynt fo to Ebelo the course is southwest and by west source leagues. the Frissell to the southeast end of Fuyneu, on southfouth-From Samplo to Roems the course is foutheast and n. w. 5 west, and you shall meet a little Iland which you may runne

letwixt the II and and Fuynen. To the fouthwards of the Hand which lieth over against the Hand of Tassing. Over against lieth a great rocke under water, betwirt this rock & the Hand the point of Fuynen lyeth a little Hand called Olms, then you must goe up to the westwards. You may also runne about Betwixt Syroand Wero lieth a dangerous riffe, long and on the other fide off Taffing, and leave the Hand Arr

East end of Fuynen) on the larboard fide of you, it is not deeper | must take very good heed of the Holstersfide, when you begin This foule ground is three leagues long, and that Iland Arris Sound, and then you must goe up againe fouthwest then you also three leagues long, they lie both of them east and west, state of the sound of Flensburgh lye before you. and the Munk Hand lieth at the end of these grounds before Woburgh in Fuynen, which hath two riffes, the one shooteth Weburgin 1 reviews, which has two roots a consequences of the course of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the contr

and Areu, the course is west and by north, and westnorthwest two leagues, these two litle Hands lye one over against the

defiles of Hadderfles, which lieth in about west and by fouth upon it

According to grow and a house songer man an anonger over another properties. In m. m., if leagues, which you must trum into from the fourthwards first workwards unrother found of Coolingen, being a broad Sound, which you must be read to the found of Coolingen, being a broad Sound, which poeth a league into the land, if you will goe through the Melvertound, you must leave in on the larboard fide, and goe read which the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement ingen f leagues, which you must run into from the southwards first then againe into a crooked channell. The Melverfound goeth out to the northwards with a very crooked channelll, and you come out a gaine upon the broad water to the northwards of

come out a gaine upon the broad water to the northwards of the Fuyers, at it is before faid. You may also fail off from Areu into the Gound of Aelfem alongth fourthcuthwest unto Apenuade, and then about behind the Hand of Aelfem will you come into the Gound of Flesburg.

The Alleverfound and the little Hand Areu Iye fouthfouthwest.

To fail the manner of the found and the little Hand Areu Iye fouthfouthwest.

To fail the manner of the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found the found t Roen found, then go from Aren or Toren unto the Roen east and by Arr or Koping the course is southeast and by east 5 leagues.

From the foutheast end of Aelst shooteth off a great riffe to wards Arr called the Poles riffe: you must run through betwixt Arr and that riffe, leaving two third parts of the water on the Arlien fide, and one third part towards Arr, & runne on fo with the fouth end of Langeland, until that you come against Cope.

From Arr to the fouth end of Langeland, the course is foutheaft and by eaft, and e. f. e. foure leagues. And from the Poles riffe to the fouth end off Langeland, the courfe is well and by from the Rindogspee deep, or the have of Names to beerendeephen mind from the field of the Court of Names to be received present and come our againe into the Bell by Nyburgh is from the fouth end of Langeland to Taffing, at by Nyburgh is from the fouth end of Langeland to Taffing, at both fides, and leave Arr and the foul grounds I ging on the look fides, and leave Arr and the foul grounds I ging on the one fide of you. Upon the fig grounds at the first of the fides and factoring the first of the fides and factoring the first of the fides and factoring the first of the fides and the first more of Seapen editional to the first more of the fides and factoring the first more of the fides and four the first more of the first more of the first more of the first more of the fides and four the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of the first more of riffe to the fouth end off Langeland, the course is west and by

A support into the found of Aellers, unto the little Ilands of Areu

I Toreu, as hat been fail there before.

From the little Iland Areu to A penrade the courfe is fouthfrom the little Iland Areu to A penrade the courfe is a broad open
from the little Iland Areu to A penrade the courfe is a broad open
from the little Iland Areu to A penrade the courfe is a broad open
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sonderburgh which goeth in betweet the Iland Aellers and the
from the incurrence of the Iland Aellers and the
then forth into the found of Elenburgh, it is very around
the forthin to the found of Elenburgh, it is very a recombined to the found of Elenburgh, it is very and
crowded betweet the Iland and the manie land, but when you
crowded betweet the Iland and crowded changel Iland to
the found of Flemburgh, it is very a recombined to the Iland that the Iland Aellers and the
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conditionable the Iland and the manie land, but when you
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upon these grounds then 6 foot. Now as that you shall come by to come between the two lands, and run in alongst by the land the life HandOlms, or by the southeast point of Fuynen, then off Aest, for from Nubell or Holsterland lye off the Chalck chalckyou must (as before is faid) goe up to the westwards about the grounds halfe wayes the deep. This found lieth in west and by 8" point of Fuynea towards Woburgh. Upon the fouth fide of fouth untill that you come before the river. Therelieth in the these foresaid grounds goeth allo a Deepe through, west, and rivers mouth a little Iland on the starboard side, you must run west and by fourth through betwixt the grounds and the Iland in to the eastwards of it, and goe in west and by fourth and west, Arr: upon this Iland Arrlyeth a little Towne called Koping, untill you come within the crooked channell off the River or

### Of the depths about these places, and in what depths men may see the land.

### Off the grounds and depths.

two telegroms, time two units missing by once over against use the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the properties of the

### Courses and Distances.

From the Eyder to Hever the land lieth normorthwest and f.f.e. 5 leagues From the Hever, or the fouth end of Strand to the fouth end of Ameren north-northwest about 1 was a few of Strand to the fouth end of Ameren north-Two leagues north from Ameren lieth Site which is about 1 leagues long, and leach fourth and was 40 and north who was

You may lye by the outstandard or clear fight.

From Holyland to American or Smalle-deeps, n.m.e. formewhat callerly, and f.

f. w. formewhat we deely

From Holyland to the deeps of Siltor lift, north and by eath

From Holyland to Knuytr-deep or Ryper-deeps, north and north and by eath

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Tot I leagues

From the Rinkopper deep, or the haven of Numen to boevenberghen north
and by weft about

flee, that is a lading place or Huies.

PromStevenshead unto the greatHelme the courfe is foathforthwelt about fix leagues distant.

The forefaid rifle is called Haters rifle, is on the cast fide Hater. de, and the other upon the fouthweit fide.

leagues, to the northwards of Syero lyeth a ground loofe from what more fouthwardly, the ground is very uneven of 5, 6,7,8, the land, divided into two Riffes, which men must avoid. The- and nine fathom. On the fouthfide of Haters riffe it is good fe two Riffes lye at some places above water.

From the foutheast poynt of Siero lieth of a riffe towards Rufnes, here you may anckor behind it.

northnorthwest, and fouthfoutheast foure leagues distant, the wards but to the eastwards of it betwixt Rusnes and Haselyn, re it is 4 and five fathom deep. From Wero there rouneth of lyeth of a riffe at least two leagues into fea, which lieth dry at

a little riffe north into the fea, you mult found close about by shore of 5 fathom depth. be there under the Swan-grounds sheltred for all windes.

well and by north, and w, northwest five leagues. It is there all doe lie at the Kay, and let their goods be carried into the ships. very carefull an oricinample in looking out, and not by the very carefull and oricinample in looking out, and not by the very carefull and oricinample in looking out, and not by the voor lead, but you may asker & have road therevery where, which is the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large of the very large

through the Swan-grounds fouth, it is on both fides should, and no buyes in the Havens mouth, there is no more water then 5. but a creek for to faile through.

edge fomewhat of there from the land, and faile right with and Spro, it is 10, and 11, fathom deep. the lland Tons, and to you runne through betwixt the Norther Even about to the fouthwards of the point of Knuythead altogether one course from Horsens to Tons, and forth to with ships to the Kay, and let their goods bee carried in what Samplo, and the point of Ebeltud, too wit, Northeast and they will. foutheaft eight or nine leagues.

found, the course is fourthouthwest 6, or 7, leagues. The Mel- From the southwest end of Spro shooteth of a little riffe which

is the read before Bouwens in eight and nine fathom.

broad lying further then halfe way to Siro. When you will run with the foule grounds (which lie betwixt Arr and the fouth-

but not far of it, is ten fathom deepe you may found them in through betwirt the two forefaid Hands's weather of Ruffes foure fathem. You may faile up in to Grimfound, unto Grim- neffe, you must leave at least the two third parts of the water on the fide of Wero, & goe in foutfouthwell towards Roeins,

unto the point of Ebeltud fouthfouthwest seven or eight leag very hard and stony, hee that commeth from Baltsack, he shall rifle, Ebeltud is a little Towne lying within the laud thwart of the run close to the Iland Wero, for to avoid that riffe, the channel great Helme. Betwist the great Helme and Intlandir is fixe betwixt the rife and Wero is not very broad, and 3 fathom or and feven fathom deepe. Close by Stevenshead, and the three fathom and a halfe deep. He that commeth from Roems point of Ebeltud is eight nine, and also tenne fathom deepe. or Russes, and will faile through Wero found, let him bring The great Helme hath two Riffes , one upon the northealt fir the great Helm to the east fide of Wero, and keep them fo standing failing on fo right with them, he shall to doing) take From Stevenshead to Siero the course is fouthfoutheast 8 no burt of Haters riffe, BetwixtSyroand Haters riffe and somanckoring for northerly winds in 6, and 7 fathom.

Rufnes and Syrelye northnortheaft and foutfouthwest about foure leagues afunder.

From the great Helme unto the lland Wero, the course is From the point of Rusnes runneth of a little rifle to sea-

re it is 4 and five fathom deep. From We rot there rounded in defined dutor by holm, and about kyholm; and about kyholm; and about kyholm; and about kyholm; and about he little land Samps, it is alfo full of fhould grounds, which run of unto the great Hall and Samps. The sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum of the sum From the north end of the Iland Samplo there shooteth off lenburch lyeth a flat alongst the coast about a league from the

it for to come into the road of Sampso, when you will anckor From the east end of Spro runneth of a litle rifle or ledge of there. It is there in the road tenne fathom deepe, and you shall rocks, and over against it commeth also a slat shooting of from the land, betwirt them both it is 4 and 5 fathom deep, But be-Aerhuysen From the south end of Ebeltud to Aerhuysen the course is hinde or thwart of Spro lieth Casseur, a faire Have, where men Casse

should water of 2 and 3 fathom deep. He that will aukor in the From Spro to Langeland the course is southeast, & by south road before Aerhuysen, let him bring the great steeple in the foure leagues distant. He that commeth alongst to the castmouse normal season actions using one great needed in the lower engages untant, rist that comment anought to the call-midth betwitt the two otherhaps fleesles, there is the best wards of Wern, shough the channel betwitt We and Haters ground, and good road in three, foure, & five fathour, fo floodd, riffe, and will faile to Roems, let him go on due fouth and by weder. as you will. To the fouthwards of Aerhuysen goeth in the We- east, and then he shall runne alongst about an English mile to derfound betwirt lutland and Sampfo: hee that will fayle in the eaftwards of the Boltfack, and fall with the land a litle to demound octivist trituals and sample: nee that will layer in the cattwards of the bottacts, and fail with the land a life to there, must be well acquainted, for it is there all full of riffes; the caltwards of Roems, likewife hee that goeth from Roems, & floulds. You may not allow the fareway by night, by reaor a little to the cattwards of it, on north and by weft, hee fall fon of all the fands and floulds, and allo by day you must be fall betwire. Were and Haters riffe rigt in the fareway. Betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall betwire the fall b

Tuns and the Swangrounds on the larboard fide, running all Roems lieth afhould of 3, 4, and five fathom, which is freep, along they the furtific coaft in 2, or 3 fathom, untill paft Horalongit by the lattin coatt m 2, or 5 room, untitu part to pro-fers, or the lattin clear, which you may not fail to prot fors, or the lattin clear, which you may not fail to prot come near from the weffward, by reason of the ground fourth of the latting fourthwards of the latting for the latting which the before the three thinks. It is a marrow the another than the twixtEndelann, and the main land, lying from the Wederfound from the castwards, and it is should on the west side, there lie de-

fix, or fometimes feven foot. When you come off from the Melverfound and will fayle From Roems to Spro, or Knuytshead, the course is fouth Spro. through the Wederfound, it is best to runne alongst by the jut- and by east, and fouthfoutheast, leagues. Betwixt Spro and tish fide untill thwart of the river of Horsens, then yo must Knuytshead it is 12, and 13 fathom deep. But betwixt Roems

and Souther grounds, leaving the llands Tons on the starboard in Buyen lieth the haven of Nyburgh, when you are about Nybou fide. When you are then past Tons, you shall runne out close by the point you runne right up to the towne, about northwest, a the north point of Sampio, towards the land of Ebeltud, it is league there it is fix and feven fathom deep. Men doe lie there

From Knuytshead to Langeland the course is foutheast 4 Melver- From Horfens, or that Hand Endelaw unto the Melver leagues, and then you leave Spro lying on the starboard side. verfound is a deep found of 20, and 15 fathom, very crooked you mult avoid. At the north end of Langeland Ive the vertional is a user promator 20, and 17 million; recovery the recovery from the control of Langertain the recovery from the control of Langertain the recovery from the recovery from Knowenta to the Iland Taffing the course are both high lands. From the Iland Ebelo unto Melversound foule. From Knowenta to the Iland Taffing the course the course is S. W. and fouthwest by fouth five great leagues, is fouth foure leagues and then you leave the Friffel lying From the road of Sampfo to Ebelo the course is f. f. w. and on the larboard fide, and run through betwixt the Friffell fouthwest & by fouth 5 leagues. From the fouth end of Samp- and Fuynen. If you be bound to Swineburgh, then go from Swy fo to Ebelo the course is southwest and by west source leagues. the Frissell to the southeast end of Fuyneu, on southsouth-From Sampfo to Roems the course is southeast and n. w. s west, and you shall meet a little Iland which you may runne leagues. The n. well coaft of Fuynen lieth fouthw, and by well about on both fides of it. Through betwixt Taffing and that eight leagues. The little lland Ebelo lieth of a league from little lland, or you may run alongst by the land of Fuynen, the feme, right before Bowens, but you can not faile through untill that you come to the little Towne of Swineburgh, letwixt the II and and Puynen. To the fouthwards of the Iland which lieth over against the Iland ef Tasling. Over against lieth a great rocke under water, betwixt this rock & the Hand the point of Fuynen lyeth a little Hand called Olms, then the rr ad before Bouwens in eight and nine fathom.

Betwixt Syroand Wero lieth a dangerous rifle, long and on the other fide off Taffing, and leave the Haud Arr

This foule ground is three leagues long, and that Iland Arris Sound, and then you must goe up againe fouthwe also three leagues long, they lie both of them east and west, shall see the towne of Flensburgh lye before you. and the Munk Hand lieth at the end of these grounds before Woburgh in Fuynen, which hath two riffes, the one shooteth off from the fouthcast end east into fea the other from the north point northeast into the fea. When you faile through to the northwards of these grounds, to wir, betwirt Fuynen and these grounds, towards Woburgh, you shall also meet with the forefaid Munk, with another litle lland or two more, leave them lying on the larboard fide, and run all along by the land of Fuynen, about west and west and by north unto the point of Askens, which is about five leagues diffant from the foutheast

From the east point of Askens unto the litle Ilands Toreu and and Aren, the course is west and by north, and westnorthwest two leagues, these two litle Hands lye one over against the other, the one on the fide of Iutland, and the other on the fide run off one against the other, it is there 4 and 5 fathom deep.

of Hadderfleu, which lieth in about weft and by fouth, upon it

The grounds of the Heres the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term of the Sand term o up to the eastwards unto the towne of Melver, where you come then againe into a crooked channell. The Melverfound opeth then again einto a crooked channell. The Melverlound goeth count to the northwards with a very crooked channell, and you come our a signed upon the broad water to the northwards of Fuyuen, as igned upon the broad water to the northwards of Fuyuen, as igned upon the broad water to the northwards of Fuyuen, as igned upon the broad water to the northwards of Fuyuen, as igned upon the broad water to the northwards of Fuyuen, as igned upon the broad water to the northwards of Fuyuen, as igned upon the broad water to the northwards of Fuyuen, as igned upon the broad water to the northwards of Fuyuen, as igned upon the broad water to the northwards of Fuyuen, as igned upon the broad water to the northwards of Fuyuen, as igned upon the broad water to the northwards of Fuyuen, as igned upon the broad water to the northwards of Fuyuen, as igned upon the broad water to the northwards of Fuyuen, as igned upon the broad water to the northwards of Fuyuen, as igned upon the broad water to the northwards of Fuyuen, as igned upon the broad water to the northwards of Fuyuen, as igned upon the broad water to the northwards of Fuyuen, as igned upon the broad water to the northwards of Fuyuen, as igned upon the broad water to the northwards of Fuyuen, as igned upon the broad water to the northwards of Fuyuen, as igned upon the broad water to the northwards of Fuyuen, as igned upon the broad water to the northwards of Fuyuen, as igned upon the fuyuen to the northwards of Fuyuen, as igned upon the fuyuen to the northwards of Fuyuen, as igned upon the fuyuen to the northwards of Fuyuen to the northwards of Fuyuen to the fuyuen to the northwards of Fuyuen to the northwards of Fuyuen to the northwards of Fuyuen to the northwards of Fuyuen to the northwards of Fuyuen to the northwards of Fuyuen to the northwards of Fuyuen to the northwards of Fuyuen to the northwards of Fuyuen to the northwards of Fuyuen to the northwards of Fuyuen to the northwards of Fuyuen to the northwards of Fuyuen to the northwards of Fuyuen to the northwards of Fu the found of Aelfem alongst fourthfouthwest unto Apenrade, and then about behind the Iland of Aelfems untill you come into the found of Flesburg.

The Melverfound and the little Hand Areu lye fouthfouth east and northnorthwest one from the other.

To faile out of the Ailfen found from Areu or the Melver-The Roen found, then go from Areu or Torcu unto the Roen eaft and by fouth three leagues, and then through betwixt the Hand and Fuynen that is alongst to the northwards of Roen, for you can not goe about to the fouthwards of it. The Roen is a bad and should riffe shooting of from Aclseu, whereunto it is fast, the outher end of it lieth dry like Anoutriffe. From the Roen to Arr or Koping the course is southeast and by east 5 leagues.

From the foutheast end of Aelst shooteth off a great riffe to wards Arr called the Poles riffe: you must run through betwixt Arr and that riffe, leaving two third parts of the water on the Aelsen side, and one third part towards Arr, & runne on so with the fouth end of Langeland, until that you come against Cope. From Arr to the fouth end of Langeland, the course is fouth-

cait and by east, and e, f. e. foure leagues. And from the Poles real and cy catt, and cy t. c. toure teagues. And normine a voice of the properties of the founded of Langeland, the courties welf and by found from the facility of the fact of the founded of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fact of the fa

East end of Fuynen) on the larboard fide of you, it is not deeper | must take very good heed of the Holstershide, when you begin upon these grounds then 6 foot. Now as that you shal come by to come betwixt the two lands, and run in alongst by the land the litle HandOlms, or by the foutheast point of Fuynen, then off Aelst, for from Nubell or Holsterland lye off the Chalck Chalck you must (as before is said) goe up to the westwards about the grounds halfe wayes the deep. This found lieth in west and by grounds. point of Fuynea towards Woburgh. Upon the fouth fide of fouth untill that you come before the river. Therelieth in the thefe foresaid grounds goeth also a Deepe through, west, and rivers mouth a little Iland on the starboard fide, you must run west and by fourth through betwixt the grounds and the Hand in to the eastwards of it, and goe in west and by fourth and west, Arr: upon this Iland Arr lyeth a little Towne called Koping. untill you come within the crooked channell off the River or Sound, and then you must goe up againe fouthwest then you

### Of the depths about these places, and in what depths men may fee the land.

In the Ripe, Ryder and Herera, found and north moone maken the highest water, the founds comment there out of the newbords, and the clobe out off the founds, and for more were denoted the contents, and on one were denoted questionates maken the highest reserved, and the contents of the contents of the contents of the contents of the contents of the ripe of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the contents of the con

### Off the grounds and depths.

### Courses and Distances.

Voortrap.

lyethfourhand by call, and north and by weft.

From the north end of Silt, called Lift, unto the fourhend of Rim or Rem, it is northeaf and f, w. one great league, Rem is three leagues long, and lyeth most fourth and north.

modificant and north.

Four theorem and 6 fem, we the found of Manu, it is northed and f. w.,

Four the court and 6 fem, we the found of Manu, it is northed and f. w.,

Four the court and 6 fem, we the found of Manu, it is northed and f. w.,

and great showlide, which be truely greefley of it by section of the geometry,

and great showlide, which be truely from the found than Knyper to a

Manu and Manu by shout root leagues one from shoother, Manu is almost a

league long-stor! About 100 leagues of the found from them Knyper to

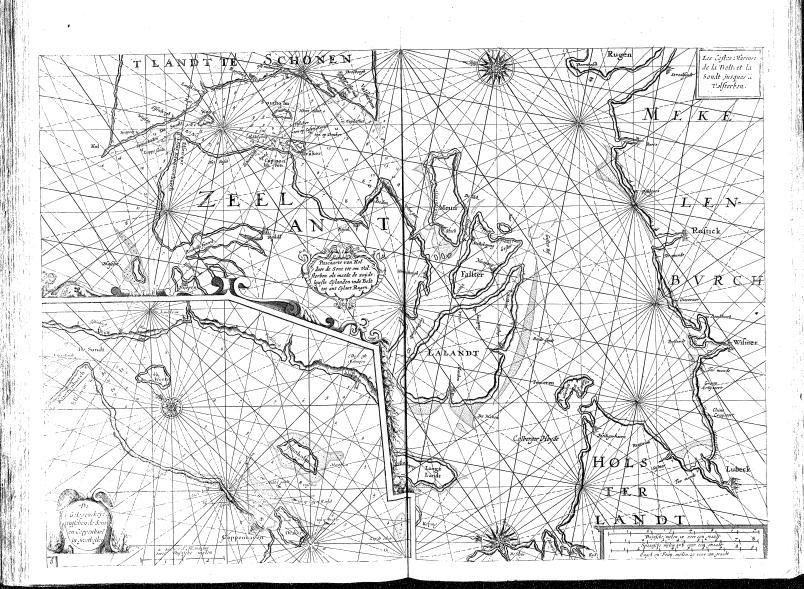
the story of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the found of the

You may fe by the outermed buye in the Herer, and fee Halyhand with clear fight.

From Low incomes or Smalle-deepe, n.m. fo more what callerly, and f. From Low income has made to the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the con From the Rinkopper deep, or the haven of Numen to boevenberghen north and by weft about

| The Coast of Intland and the Belt.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
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| How these Lands doe shew themselves at Sea,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Northerhead. Tatingen, Gattingen.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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| Southerhead. Thus sheweth the Iland Ameren.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Thus sheweth the land of Eyderftee to the northwarders of the Fydor. Heydom, Voorthap,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Lift. Whiteklifte. Redshift.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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| Thus sheweth it felfe Iland Silt, when you fayle alongit by it,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Doodenbergh. Suyderzyt, Lengeleg. Luytbergh. Doodebergh.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
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| Thus sheweth the land betwire the Horne or Deodenbergh and the haven of Numen.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| hus sheweth the land of Suyderzijk to the found at the land of Suyderzijk to the found at the land of Suyderzijk to the found at the land of Suyderzijk to the found at the land of Suyderzijk to the found at the land of Suyderzijk to the found at the land of Suyderzijk to the found at the land of Suyderzijk to the found at the land of Suyderzijk to the found at the land of Suyderzijk to the found at the land of Suyderzijk to the found at the land of Suyderzijk to the found at the land of Suyderzijk to the found at the land of Suyderzijk to the found at the land of Suyderzijk to the found at the land of Suyderzijk to the found at the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the land of Suyderzijk to the la |
| The Scaw.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Thus rifeth the land betwize the Holmes and the Scaw, when you fayle alongit by it.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Holmer Bocycubergen, 10 the fouthwards of Bocycubergens                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Eafter point.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Thus showeth the land betwixt Boevenbergen and the Holmes , when you fayle alongit by it, three leagues from the land                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| The fourth demonstration,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| here in are portrayed bow you shall sayle from the Koll in the Sound, and forth through the Drongen, untill you come about V alsterborn, and further the teast of Goldfen, McKelmhargh, and the Soutra I lands of Demmark, from the Bitt to the Islik.  **Room Coll to the Island Health, it is fouthered and by I repeting the Legues, you may faile through betwire Hard; I repeting the Legues, you may faile through betwire Hard; seek the cast of Calands in High you come is not be the E: the coast of the Goldfen of the Caland, but from what to the well-wards of the King and, along the coast of Sealand. For to avoy the Hardlin, there floored the faile for Genevals, which you must be careful of the Sound, there flanders the Hardlin, there floored the faile for Genevals, which you must be careful of the Sound, there flanders the Hardlin, there floored the faile for Genevals, which you must be careful of the Sound, there flanders the Hardlin the Hardlin the Calands of the King and It to the well-wardes the Sound to the Sound the Sound the Sound that the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the Sound the S |
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great league broad , there is good anckoming for a northwest in the land into three parts , the first or the eastermost, called the first or the castled without the castled of the found, the land into three parts , the first or the eastermost, called the cond, called theorem, lieth into the land fouth , and South and by Weth at least or five leagues, through first parts of the found, and within it at least two leagues for life they and Holden's extending the land. The third life the Draceckholme alfo at least the leagues four broad, and in the midded liter a great land. The third life the Draceckholme alfo at least the leagues four broad, and on the sit leagues four broad, and on the midded liter a great land. The third liter to praceckholme alfo at least the leagues four broad, and on the midded liter a great land. The third liter to great land in the midded liter a great land. The third liter to great land in the south of the land with the same that the land and the south of the land with the same through the market of the former is the same through the midden and the south of the land with the same through the midden and the south of the land with the same through the midden and the south of the sound, and anckor behinder for the sound, and anckor behinder for the sound, and anckor behinder for the sound, and anckor behinder for the sound, and anckor behinder for the sound, and anckor behinder for the sound, and anckor behinder for the sound, and the strength of the sound and the wind the land the sound that the deal through the water at hear an large fraid the sound that the castle of the found, for the sound the sound that the castle of the found, the sound the sound the sound that the castle of the sound the sound that the castle of the found, and so for the sound, and anckor defined and the sound the sound that the castle of the sound the sound that the castle of the sound the sound that the castle of the sound the sound that the sound that the castle of the sound the sound that the castle of the sound t



the point of Lappefand.

eaft, and fourtheaft and by fouth four or five leagues. About buye, & there it and th then a flat fleeple, a pretie wayes to the halfe wayes betwixt Coll and Elfenburgh lye the Swyneboes. S. wards of that wood, there cometh also three hommocks to Iye of to feawards a good wayes from the land. But when you buye. For to a- the channell, for to avoide Lappeland, or els if you bring the handfpikes length unto the sharpe steeple, that are the markes end off Ween then again right without the caftle, or keepe in of the Middle buye, or fecond buye in the flouldes or grounds, feven or eight fathom from the Sealands fide, you can not it is there eight and nine fathome deepe.

monly anckor all alongst by the land untill to the fouthwards white castle commeth over the sharpe steeple, that are the of Elfeneure, there it is fifteene and fixteene fathome deepe, markes of the fourth buye, or the buye upon the Cafper Cabut with a foutheast winde it is badde lying there.

thom it is better lying there, but is somewhat farre from the thereaboutes is seven or eight fathome: If you must turne to

When you will fail out the Sound towards Col, and are come ginne to shoulde, as well on the one side is on the other. out of the to the end of Lappeland, then goe northwest and by west for sounds to avoide the Swyneboden, untill that Coll be northnortheast the flat, over against it lieth a rock above water, called the from you then goe boldy northwest and by north, or north- Fisher, east & by north from the buye, ther you may wel found Fisher, northwest; according as the windeshall be, for with a northeast the southolme, for it is thereshould water. Betwist the third winde, you must runne out northnorthwest verie close alongst & this fourth buye commeth running out a channell from Coby Col. for to fail a weather of the Riffesof Anout and Leson. penhaven, which men doe cal Casper Caniel, or the King sdeep,

### For to faile to Elleboge or Malmuyen, and Lands-kroone,

If you will fail out of the Sound to Elboge or Malmuyen, goe from Ween foutheast and foutheast and by fouth, and then you shal fee the steeple or the towne lying before you, tail may lie also at the end of the Head, in three fathome, there it is good lying, but with a northwest winde it is a bat roade, for it blowerh there open in.

If you will runne out againe to the fouthwards of the South-Northyliet, that is a ledge of rocks under water, but you may and eleven fathom, and fail then on fouth unto Cafper Caniell. Southvlier perceive it through the water, you shall leave it on the Southvliet, which lieth thward of old Fatterborne, you shall leave on the larboard fide, and fo runne through betwixt then, it is in that farewaye at the shouldest four fathome deep. When you come off from Malmuyen , and that the fteeple of Coppenhaven come to the S. end of the fouth-holmes, then you are past the Northyliet. When you faile thus there through, you must be verie carefull to avoide these foresaid groundes. You may runneout also alongst by the strand of Schoonen, and leave both the Northyliet and Southyliet lying on the starboard fide : you may found that strand in four and five fathome , as alfo the riffe of Fasterborne.

He that will faylinto Landscroone, must know that there mewhat farther within the land, bring that church over the house, and then you are cleare of the should, then faile in right with the poynt, and anckor in three fathome.

To the northwards of old Fallterborne goeth in a deepe, Bulwater, called Hull or Hulwater, it is a deepe haven for ordinarie ships, which goeth in must northeast in three or foure fathom; you may found it in alongst by the footstrand of old Fasterborne in three fathom, leaving old Fasterborne on the starboard side, it is there large and broad enough.

How men shall faile out of the Sound , through the Shouldes or grounds , and into the Reefshol.

or Grounds let him goe on fouth and by east, or hee may found the Kingsdeep, unto the buye in Reefsholl, which lie one from along t by the wood, in five or fixe fathome and then the shall the other due northwest, and southeast: you shall then also see not faile miffe of the Norther buye, for it lyeth in five or fix eight out a head, in the northwest within the land a stat steeple fathom, on the north end of the Middle ground, to the east-

about before the winde, they did runne in three fathom over, farewaye thwarte of this buye it is nine or tenne fathom deep: the markes of this buye are, when that end of the wood is From Coll to Elleneure or the Sound the course is south- westfouthwest from you, then you are thwarte of the norther den, which are some foule rocks, and funcken rockes, which the north side of the town, these are all marks of the norther

fayle towardes the Sound comming from Coll, then keep the Hand Ween hidden behinde the Caftle Cronenburch, and fouth and by caft. When you come by the Middlebuye, then then you can not fail foul of the forefaid Swyneboden, when commeth the fouthermost mill on to the fouthwardes of the that you reckon that you are past them, then runne in amidst towne op Coppenhaven, and the flat steeple commeth within a

rake hurte of Lappeland, when you are come within the ca From the Middle buye to the third, and for to the buye up - Third buy; ftle, you may anckor where you please. The shippes doe com- on Casper Caniell, the course is south and by east. When the niell, the third lieth at the fouth end of the Middle ground, Towards the Iland Ween lieth a banck of eight or nine fa- it is not there verie broade, but fleepe on both fides, the deepe windewards there, you must east about, so soone as is doth be-

The fourth buye lieth on the north end of Draecker upon

From the fourth buyeor Cafper Caniell, to Draker riffe, Caniell the course is fouth, and fouth and by east: the land of Draec-

ker you may found in three, foure, or foure fathome and a half. The Riffe of Draecker lieth a good wayes without Draker, Draker, it lieth of halfe league east into sea. The markes of the buye then you find fee the fleeple or the towne lying before you, all the towards it, in that farewaye, it is most feven or eight fathome deepe: when you come within the fourth-holms, it will be 5 or fixed about deep, it is most feven or eight fathome deeps. When you come within the fourth-holms, it will be 5 or fixed about deeps, it don't found the prodeinty, from the feven when you come within the fourth-holms, it will be 5 or fixed about the foreign for the found that you find limit the foreign for the found that you find the between this tunge upon Dracker-riffe, and the foreign for the found for the found for the found for the found for the foreign for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for the found for may anckor there in three, four or five fathomeif you will, you fourth buye, is five Fathom leffe two foot. For to fail by night through the floulds or grounds, go from the llandWeen fouth and fouth and by weilt, follong untill that you come thwart of the point of the wood in 4 fathom, then keep fomewhat off from the shore, and go on fourheast and by east, untill that you If you will runne out againe to the fouthwards of the South-come in 7 fathom, and then forth fouthfoutheaft, untill you be holmes towards Fafterborne or Steden, you must take heed of over the Middle-Ground, the first or northermost buye. as is the South-holmes, which are foule round about. From the n. beforefaid, lieth in five or fixe fathom, but you may well go end shooteth of a riffe a great wayes: Upon the east side, at the fouthend, it lieth vene farre off should, there lyeth also the then somewhat off untill that you come in eight, nine, or ten there it will be by litle and litle shoulder, to wit, about eight holms fide, to were, on the Rarboard fide of you but the South-fathom. Thwart of Draker it is unevenfor to found, the one call five & the other foure fathom, but go your courfe, except you knew that you were neerer the one shore of Draker, or the Southolmes, then the other, Without Draker it will be againe 6 and 7 fathom deep.

For to faile into Rifsholl or Copenhaven, comming from the northwards out of the found; runne along fornewhat to the westwards of the Norther buye, for to avoid the plate, or Middle ground, which lieth to the westwardes of the buyes in the shoulds, which upon the north end is not deeper then 12 foote, and on the fouth end eight, nine, and at some places teri foot deep al hard frony and rocky ground, keepe the founding of the shore on the west side in two, three, or soure fathom, so lieth ashoulde before the havens mouth, & must runne in a-deep as you please, until you com before Copenhaven, on that bout to the fouthwardes of it: there flandeth a litle church on fide you can take no hurt, it is there broad and wide, and lieth the north fide, by the water fide and a Gentlemans house fo-in south and by well, in the middest betwirt the shore and the Middle-ground, it is 5, 6, and 7, fathom deep. If you should turne to windwardes there, to come not peerer the middleground then in foure fathom but, the west shore you may runne to by may runne to by your lead, as you pleafe.

From the north end of the Hand Draecker runneth off a Buye in the Recipriffe to the northwards, upon the point off that riffe lyeth a hol. buye, which men do call the buye in the Reefsholl, leave that on the larboard fide, & run in, until you come before the towne, and anckor there. If you come from the fouthwards, and wil fail unto Reefshol, then run alongst to the eastwards of the forefaid fourth buy (which men do call the buye upon Cafper Ca-He that will fayle out of the Sounde towardes the Shouldes | niel ) then loofe up prefently about by it, and go on N. W.into wardes of the buye it is seven sathom deep, but in the right the sea-side, keepethemso one in the other, and sayle right

therefore becareful in using of the lead, and come not to neere of from Flensburgh to Kiel fourthfourtheaft or formewhat the north fide; that is the Middle-ground, which is very fould more eafterly fixe leagues. and rocky from the S. finer (about halfe wayes between the two caucity are regues.

The monocaucity are regues.

The Solid bury it is the of longwhat fhould, so that you shall by east 4 leagues, that is, a broad deepe found, lying in first have at one cast five or fixe, and the other but 3 fathom.

the larboard fide, and runne on fouth about by it unto Copen-this river. Marcks of haven. The markes of this buy are thefe: there lieth a round the buyer hommock or great rock about halfe a league within the land, a little town called Ecckelenfoort, in the Reef hommock or great rock about halfe a league within the land, when that is right e, from you, then it cometh right with a flat The Sound of Kiel is a broad Sound, which lieth in about are even thwart of the buye, or point of the forefaid riffe. The Kiel to the west end of Femeren it is east and by north about are even thwart of the outse, or point out the buyel lieth not there. A little to the northwards of that buyel by the great flips which little to the northwards of that buyel by the great flips which latay for wind in 5 or 6 fathom, there is good anckor ground.

Heyd) the courie is califoutheaft 13 or 14 leagues, but from

thom, but by Steden deepest.

der Steden it, for northerly, as to the northwards for foutherly windes. If From thellandFemeren to Gefter-riff the course is eaft and by you will anckor for northerly winds, then runn occurs you are located and Meun, a good wayes into the bay, for that the fixep joint of Steden Jye about northnortheaft from you, anckor there in eight or nine fathom, and you flall lye land locks to rorth and north-will winds.

anckorto the northwards of Steden, fo that the foutheast northeast and fouthwest about nine teene leagues. point be fouth and byeaft, or fouthfoutheaft, and the N. W. From the Trave of Lubeck to Wifmerdeep the course is lying in feven fathom, the ground is there finall white and in a faire deep for all forts of ships, lying in feven fathom, the ground is there finall write and maraire deep for an iorisotimps.

For to faile in at the deep of Wifmer, bring the freeple Wifmer.

fteeple of Fasterborn and the castle come one in the other, course is northnortheast, twelve or thirteene leagues, that then they are these of the point of the rife. He that comment from the northwards, and will faile about Falterment from the northwards and will be a failed and the falter from the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the failed and the borne with a northerly or northeast wind, and that he wil come found it in on both fides with the founding poll. Wifmer and borne with a northerty or northeatt wind, and interest wit come formewhat near about the rife, and commeth in five or fixed formewhat near about the rife, and commeth in five or fixed fathom he must be very quick insing the lead. When did Tall-ferborne Chards commeth half ways to the Calife and the called Robbertells, from its floorest of Rollick lieth a high land the called Robbertells, from its floorest of agent rife or flood Robbertell. Church off Fafterborne, then beginneth to come the worft too feawards, towards Gefter rifle, it is betwixt Gefter rifle and shouldest off the riff, that lasteth until that old Falter- and that should not deeper then twelve or thirteene fathome. born church cometh to the eaftwards of the houles of Pafter-1 If you come nearest to Gester riffe, then it doth should up solborne, before that you are not past the riffe. If you should denly, but if you come nearest this should, then it shouldeth luffe up sooner about by it, you should run in great danger by litle and litle. Gester riffe, as hath been beforesaid, is a with a ship of great draught, you shall have (comming against should riffe, and runne off at least 3 leagues into sea. the riffe) the one calt four or five and then prefently three fa- A little to the eaftwarde of this forefaid fhould lieth Barts, thom upon it all hard ftony ground. Therefore it is best with there goeth in a deepe of 6 foote, at the west point goeth of a thip that draweth 12, or 14 foote, to come no nearer this rif- a riffe, which men must avoide. te then in 6, or 7 fathom.

Falterborne, and come alongst the shore with a northeast is no more then fixe foot water. In the Jelle lye three buyes, wind in fixe or feven fathom, and Faltterborne is about north, which you must leave al on the starboard side, being past them that the cattle bee northeast, or northeast and by northeast may be or that old Falfer-borne church come halfe way to the contract of Falfer-borne church then you can not the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the lead. But if you wil come neere the riff in foure or five fathom, along thup unto Neftvelt and Wordenborgh and commeth incoast of Schoonen in four fathom without taking hurt.

in with them, and so you shall runne in right amidst the chan-nell, it is there in the farewaye, five, fixe, seven, and eight fa-three Sounds or rivers, where great ships may goe into, to wit, thom deep. This Kings-deepe is formewhat uneven of ground, the Slei, Nylhofvoert, and the Sound of Kiel, the land lyeth

about west, and when you are within it, then it runbeth in a-When you come by the buy in Reefsholl, which lyeth bout fouthwest and by west past Sleeswyke, there also come upon the point of the norther riffe of Draecker, leave that on out many great ships. The town Gottorpe lyeth also upon

Betwist the Sleye and Ciel lieth Nylhofvoert, upon it lieth Nilhof-

fteeple which ftands about a league within the land, then you fouthwest, there you may go in allow with great ships. From

From the buy upon Draker-riff unto Kuyck the course is the fouthend of Langeland unto Femeren it is foutheast and S.W.5 great leagues, but unto the riffe of Fallterborn, or Ste- by ealt 7 or 8 leagues. The channell betwixt Femeren and den it is fouth and fouth and by welt s leagues, in the fareway Laland is s and 6 fathom deepe, you may faile round about betwirt Dracker and Falterborn it is 6,7, and 8 fathom deep, Femeren, there it is all should ground. Betwirt Femeren and but between Fafterborne and Steden, 10, or 12, and 13 fa- Hollterland, you may run through in 8 or 10 foote, there lieth Heyligera litle town, called Heyligher haven, where you may anckor haven, Under Steden you may anckor as well to the fouthwards of withships of small draughts from to lade wheat or barley. you will anckor for northerly winds, then run in betwixt Ste-

But if you will anckor for fouth or fouthwest winde, then winds. From the Trave of Lubeck to Gester-rif the course is

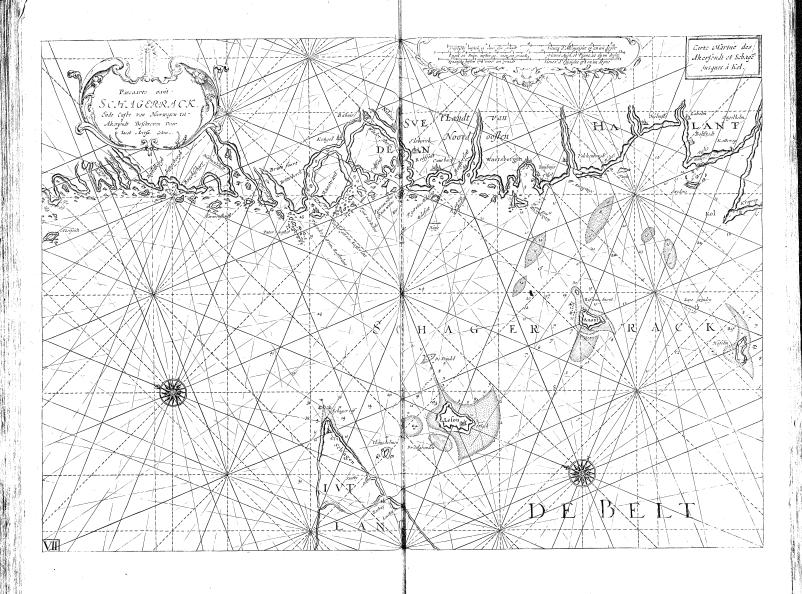
point northwest or westnorthwest from you, there it is good first northeast and by east, and then east northeast, there goeth

grounds, then go not more northerly then northeast, so long upon the fouth land south from you, and faile so in untill that untill that you come by the riffe of Draker, then run about by the steeple standing upon the eastland, by that eastermost house, commeth to the five or fixe houses, by these houses To the northwards of Steden the coast of Zealand goeth stand some trees together, from that eastland runneth offa in with a great bay into Kuyck, it is there all to the westwards little rise, lying off northwest and by north from it, when the should water or five, fixe and seven fathom, and good anckor steeple commeth to those houses, then goe in southfoutheast, ground, so that you may anckor every where there abouts, in that deepe is twelve foot water. In the Summer there lye The riffe of Falterborne lieth off fouthwest to Seawards a two buyes in the havens mouth, the one upon the tayle of the Marcks off The riffe of Fasterborne lieth off fouthwelt to Seawards a two bayes in the havens mouth, the one upon the tayle of the he riffe of league and a halfe. It is a fowle stony and rocky riffe upon the fand that shooteth off from the eastland, and the other upon end of it lieth a buye in foure fathom. You may run about by the should ground, you must run in betwixt them. This deep it upon your lead in five fathom with small or ships off little of Wismer lieth from Femeren fouth and by east distant about draughts. Men doe hold for a mark of this riffe that when the feven or eightleagues, but from Wilmer to Gester rise, the

then in 6, or 7 fathom.

Three or four leagues to the eaftwards of Barts goeth in the Jelle, there men doe goe intoMesond, or Stractsound there the Lelle. wind in the control of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first state of the first ferther off from the shore in 10, or 12 fathom, so long untill leave also on the starboard side, and then south and by east unthat the cattle bee northeast, or northeast and by north from to Straelfound. Within the mouth of the deep, it is 12 and

cattle of railterrounds and railtening the cathwards, but running about by it lieth fouth and north, to the cathwards, over against it lyeth in five fathout, then you must be very careful in using your the Golversound, lying into the northwards of Laland, all Golversound. when oldFallter-born Church commeth too the east end Fal- to the Greenfound, and into the Wolvegat, and again into the Rerborn, you shall run in great danger for to come on ground. East fea: Before the Golver found lie three litle Ilands the one When you come within the riffe, you may run along it by the at the point of Laland, which is called Wedero, and is also fast wedero. to it with a riff, fo that men can not fail through there betwixt



one is called Arnis, and the other Ooms. Ooms is a little welt winde, in five and fix fathom. playne lland, but Arnis is the greatett, which lyeth nearest to Zealand, and is full of trees. From the lland Ooms, lyeth off foothwards of Meun, may come so near Meun as he will, and a riffe fouth west to seawards, which is a great league long, and loose up to the westwards by the poynt, and anckor where he upon the end flatte, which men may runne over by the lead, pleafe, in five or fix fathom. On the north fide of Menn you When you will fayl into the Golverfound you must leave these may also anckor in 6 fathom, be sinde a little riffe that shooteth two Handslying on the larboard fide. The Hand Laland hath of from the north point, for an east, S. S. W. and west wind, it upon the west poynt over against the south end of Langeland, is there all over flat, and good ground.

English mile to the callwards of Langeland, or when you leave Wolvegar, that runneth past Wordenborgh and Nestveld the two third partes of the water on Lalauds side, and the other or the worden out into the Belt. ther third part on the fide of Langheland, you shall not come Meun and Fasterbornelye north and by east, and fouthand too neare it. When you come from the fouthwards, and are by west five leagues afunder, bound into the Belt , and that then the steeple of Mascou, which standeth upon Laland commeth to stand northeast and by east from you, then you are past that riffe, and lyeth to the Through the Sound and the showldes or grounds, the fireamer unout he of fourth wards of your. It is here in this channell betwixt Laland and the fourth end of Langeland, five, fixe, and feven fathome from the common of he and, which is under, or when it shall blowne out of he eath.

From the fouth end of Langeland to Femeren the course is S. E. and S. E. and by east diftant 7 leagnes.

When as you come off from Langeland and are past the rifte or Hooke of Laland, then the fouth coast of Laland lieth from Roll to Escene the coaste is foutheast, and southeast and by south eaft and weft: alongft by it lveth a fand, which is called the Red-fand, and lyeth alongft untill before Calverfound which from the fand to we for feature to the found to we runneth in betwixt Laland and Gefter.

or channell there is little depth there lyeth a florebanck within thwart over the channell. The little town Nicoppen eat within thwart over the channell. I ne little town Nicoppen licth upon the Iland Falfter a league within Gefter. From Ge- From the Foolstiffe, lying on the Iland Aelit to Femeren, the course is E.S.E.

within toward the towards. He muse controlled to the controlled to the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the controlled towards of the

them; to the northdwars of it men doe runne into the Golver-leagues : but from Bout to Meun it is northeast about 7 leagues found, leaving that Iland on the flarboard fide : the other two From the Golverfound to Meun, the land lieth in a bay, Ive to the northwards of the forefaid Hand of Wedero, the you may anckor there for a northeaft, north, northwest, and

nife on a riffe or Hooke, lying off from Laland at leaft half wayes over the delter for to avoyde that, you must runne alongst within an select: for to avoyde that, you must runne alongst within an select sort to avoyde that, you must runne alongst within an select sort to avoyde that, you must runne alongst within an select sort to avoyde that, you must runne alongst within an select sort to avoyde that, you must runne alongst within an select sort to avoyde that, you must runne alongst within an along the select sort to avoyde that, you must runne alongst within an along the select sort to avoyde that, you must runne alongst within an along the select sort to avoyde that, you must runne alongst within an along the select sort to avoyde that, you must runne alongst within an along the select sort to avoyde that, you must runne alongst within an along the select sort to avoyde that, you must runne alongst within an along the select sort to avoyde that, you must runne alongst within an along the select sort to avoyde that, you must runne alongst within an along the select sort to avoyde that, you must runne alongst within an along the select sort to avoyde that, you must runne alongst within an along the select sort to avoyde that the select sort to avoyde that the select sort to avoyde that the select sort to avoyde that the select sort to avoyde that the select sort to avoyde that the select sort to avoyde that the select sort to avoyde that the select sort to avoyde that the select sort to avoyde the select sort to avoyde the select sort to avoyde that the select sort the select sort to avoyde the select sort to avoyde the select sort to avoyde the select sort to avoyde the select sort to avoyde the select sort to avoyde the select sort to avoyde the select sort to avoyde the select sort to avoyde the select sort to avoyde the select sort to avoyde the select sort to avoyde the select sort to avoyde the select sort to avoyde the select sort to avoyde the select sort to avoyde the select sort to avoyde the sel

Of the streames on these coasts.

then the fireames runnes thill out the northwards.

Courfes and Distances.

mmetri in Detwixt Laland and Gefter,

To the northwards of this fand is a rode of 14, 16, and 18

From Eleneur to Landicroon eaffourheaft

From Eleneur to Landicroon eaffourheaft To the northwards of this fand is a rode of 14, 16, and 18 from Kilenur of Landicron eafficiatheaft should be foot water, before the little townes of Aetholm and Roobuy; where me do lade unts and Barley.

Betwixt Laland and Gefter, thwart of this redde fand fash that been flydy nameth in the Golverfound, which men may run into, and come out again in to the Bels, but in this found the web broadly here: it list Landy have been been such as the sound to be such as the desired them. It is the sound to be such as the desired them is the sound to be such as the desired them.

The east point

Buck-hoocke

How these Lands doe shew themselves at sea.

Thus sheweth the land and the church of Aelit, when you are 2 leagues and an half by east Aelburger-deep Thus sheweth Zealand, when you come from anout, and wil fayle toward the Sound Faliterborr Perfebeck Melmuyen Landferoon

Thus sheweth the land of Schoonen of from Coll unto Faliterborne, when you fayle through the showlds or grounds. Holfler land. Little Gruyfoort. Great Gruyfoort

When you tayle to Lubeck, alongst betwire the land of Gruyfoort and Holsterland, then it sheweth it self on both sides thus. Robbeneffe. Oudevaer. Barro.

and the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of th Thus sheweth the Coast of Mckelenburgh, betwixt Cruyfoort and Doornebosh, or the Ielle, when you fayle along they it, a league without the land.

## The fifth demonstration,

Where in are showed the Coast off Norway, betwixt Akersound and Koll.

Rom the Sifter to the Iland of Akerfound, the course you must leave the sharp point on the larboard side, within is west and by north sleagues, betwist them lyeth the lieth a round rock, which you may sayl about on both fides, wet and by north s leagues, betwist them lyeth the literh a rouna rock, which you may any of the from this rock Orafloycle, within the Silters, Jiying from Parder eath thwart of its good anckorground. North from this rock North East about 7 leagues. When you will fayle in there, lyeth a great Bay, fit for filips to lyein, that tarrie for a winde, within

within lyeth alfo a round rock. Men do run in alongst by the gens, from thence commeth much fat ware. Southerwixholm weft land, which lieth in first north, and about the lland north- and the lland Akersound, lie northwest and by west, and southnortheast, they leave the lland on starboard fide, andrun in east and by east 5 leagues asunder. N. N. W. by the west land. To the castwards of Graswike, From Southerwixholme to Harmanshead, the course is S. also betwirt the Sisters and Akersound lieth Shiphill, that is southeast 3 leagues, betwirt them lieth Boechschaer, but two

leagus to the fouthwards of Harmanfound lieth Kerckfound, a Haven where men lade Spars and fat wares.

The lland Akerfound men may faylround about it, to the Which is a great river, which lieth in far within the Land. northwards of it lieth a great Bay or Sound, lying in farre Harmanhead and the west-end of the rockes (which men

within the Land, called Ottrom,

do call the Paternofters) lie north and by west and sonth and Norther To the fouthwards of Ottrom lie Northerwixholm and by eaft 5 leagues afunder, to the fouthwardes of them men do witholm. Southerwixholm, 2 great Ilands, in a great found, which lieth faile into Maelftrand. Upon the coaft betwixt Farder and far and deep within the land, upon it (far within the land) lie [Maelltand, is almost every where good anckorground in 35, many little townes, as Oldburgh, Oldwhat, Alleroes, and Dra-land 40 fathom. MAELSTRAND The Westerbergh.

He Pater-nofters are a great rane of Rockes, which lie farre off to feawards from the Coaft, behinde then, to wit, on the fouth fide, goeth in, within the land a broad found, upon the fouthfide of it lieth a great high round rock or hill, called Britto. To the fouthwards of that found lieth the Hand of Maelitrand. He that comethfrom the Scaw, and defired to fail to Maelftrand, let him go on eaftn ortheast, and then he shall get fight of the foresaid hill Britto, which he fhall fet eaftnortheaft from him, and faile to in right with

Pater-nosters, he must leave on the starboard side, and faile al | great rocks, but on the north side all small rocks. When you

ir , until that he commeth by the onest by them eastwortheast, and east and by north, and then come within the rocks about the poynt of the northland, there he feal runne in fight of the Hand Maelftrand, upon which fram you may anckor in 1; or 16 fathom, there is good anckorc'eth a great frony beacon, or Warlock, where fometimes stan- ground. From Calffound you may run up to the fouthwards, doth a malt with a barrell upon it, and fometimes also there through within the rock unto the rivier of Nilus. that must write a carreit upon it, and fometimes also there it inough within the rock unto the river of 1700s. I fland chinone. You may ruin ion both fides the land, either about to the northwards, or to the fourthwards of it, according land Winneut on the fourthwards of it got in the channell of shall be bed fitting for the wide if it the winde bedeat wett or Nilse or Gottenbergh, which is a Liege and broad found, fourthwelf, then you may belt run in at the norther channell, or lying into in e. in 8, 9, and 10, fac on, you must leave Winneuthe with the winde beat doubt, or fourthwelf, then it is better to muear line count he labour of file, and row in better it in popuror. the fouther channell. The norther channell lieth in by the the main land, called Kalderhead, and the lland little Denfouth fide most cast and by fouth, and e. f. cast, but the fouther marck, and then in along t by the main land on the forthfide Iland, you may faile about by it, untill you come before the cleare without any danger that might hurt you. towne, which you shal se then lying before you. Men doe aukor You may also faile into the northwards of Winneu, then

a rock above water, which you may fail about on both fides, on the fouth fide, as is before faid. above water, which men must be very careful to take heed of. funcken rock under water, and also one even with the water, a There is every where good anckorground. From thence you bow hot from the land, whereupon flandeth a Warder.

Warder. On the fouth fide of the Havens-month there are wards of you.

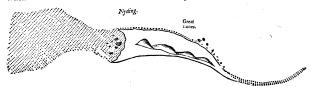
channel cast and cast and by north. When you come within the untill past Elsburgh to Gottenburgh, it is there all cleane and Gotten

there with an ankor to feawards out a head, & make fait a cable you must leave Winnen, and also some long rocks on the starout a steame on the kaye, lying so wit the steame to the shoare. board side, and the through lland or little Denmarck, on the About the middeft, going in at the fouther channell, lieth larboard fide, & then in along thy the point of the main land,

but within that rock lieth a funcken rock under water, and to the folithwards of it also a great rock, but a little further out Consback: Malefound is a rough lland, which you may faile then the other. There lieth also a funcken rock under water round about in seven or \$ fathom, under it is also good road. by the Iland on the north fide of the forefayd rock wich lieth | Two cables length weftnorthweft from Malefound, lyeth a

may fail through within the rocks to Calf-found, Bahoufe and | Eaftnortheaft from Malefound lyeth the haven of Conf-Confba back, there stand two great Warders, each upon a rock close

Call found lieth diftant from Maelftrand about foure lea- to the land, betwist them lyeth in the haven, it is a fayre hagues. For to fal in there out of the fea, you must runne alongst ven, ten fathom deep, and good anckor-ground, when you com to the fourthwards of a great rock, whereupon standeth a about the low point you shall fee Consback lye to the north-



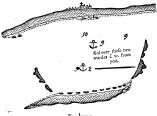
From Malefound fouthwest and fouthwest and by west, a upon is 5, 4, and 3 feet water. A league and a halfe without From Matericure in territories and in the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the st type or raigence. The raise upon Type is about a league may land through octative young and marchine in the lord numes till about a league may land, but it is there all shallow water. Upon Nyding is ter tong. In erme on me norm corrumers an accuracy and the corresponding to the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the fir

Hand and the mayne land, where the castle standeth upon the and 7 fathom, the church being about four from you. water, which you must leave on the starboard fide, and anckor Close by the Trindel ou the Inner side or west fide, it is deepe right againft the caftle in 4 or 5 fathom as before is faid.

doe name it yong Coll, because of the likenesse of height and may know it a farre of. fashion, which it had like Col, and sometimes it is mistaken

a river, but there can go in no flips, but onely huyes & boates.

Two leavues fouthwards from Helinstee lieth the little tonwne, or little caftle, called Laholm, there goeth also a little Bosftadt, these places lye in a great bay.



Swedereur.

Swedereur, you may runne in behind it at both fides, for to between the fouthermost and the middlemost, but then you anckor from the northwards, it is there large and broad for to must runne nearest the southermost, trough betwixt them is anckor from the north end of Swederen floorest hot a little ledge of rocks, you must runne alongs to the northwards of Under the Helmes's good road for foutheast, fouthfoutheast the rocks, that Iye at the north end of Swedero, leaving them and foutherly windes, He that will go to anckor under them on the starboard fide, and anckor behinde the Iland, betwixt comming from the Scaw, must runne to the strand in three the great and little rockes in feven fathem, thwart of the little fathom, and runne fo along thy it, in betweene the strand and white church of Turcko, fo that the greate rock with the two the Helmes, untill that he be within the rocks, there he may wardes at the fouth end be fouthweft from you, and Col fland anckor, or also well runne through alongst by the footfrand in over the forefayd Rock, there it is belt lying, and there you 3 fathom. When the rockes of the Helms are east, and east are landlockt for all winds. If you wil run out again to the and by north from you, there is the roade in 4 fathom , and fouthwards of it, then leave the two rockes with the War- 4 fathom and a half. The best road for toly under the Helms ders on the starboard fide, and runne boldly close about by with small ships, is betwixt the southermost and middle most them, towards Coll.

Iye windes can not run a weather Col, let him goe from Col northealt and by north towards Swedereur, and runne close kor farther out under the high land of Lacklou, so that the about by the two forefaid rocks with the Warders, at the fouth- Helms be Southeast from him, in four, five, or feven fathom, end of Swedereur, untill he come behind the Hand, and ancithereit is also very good lying for South and Southfoutheast kor, as is before fayd, there it is fort ground. A north winde bloweth there open in.

From Swedereur to Coll the course is fouthwest and by fouth, betwirt both lyeth a greate baye, upon which lieth that mes and the maine land, there is at the flow deft three fathon little thouwne Engelholme, where men also may ride.

### For to fayl from the Stare to Coll.

is fouthfouthealt, but the pointe of the Riffe and the Trindel ping in three fathom, you can not take hurte of that riffe. You lye due foutheath and northwest eight leagues a funder.

Dwaelgrounds, riffe and fands, that Ive off. From the fouth- that are not of very great dranghts. castend where the Church stands upon, lyeth of such a great | Betwixt the Helmes and Lesou, a good wayes from the

which runneth up into the land, upon it lye fome towns as riffe or flould from the floare, that is about 3 leagues from the Vivmenes, Horn, and Gofewater. From Monsterfound three land to the fouthwards of it, it is not deeper then two fathome, leagues to the foutwards, lieth Watersbergen. For to fayl in there under it you may make road for a fouthfoutheast winde. there, you must run in by the east land. At the point of the Likewise from the S. west point, lyeth of such a great showld, Hand which lyeth on the northwest fide before the haven, lieth that when the foresayd flatt church is east, and eastnortheast a rock under water, and from the poynt where the castle stan-from you, you can not come neare the land within a leagues. deth upon, lieth alfo a funken rock, but whith you must avoid, But the north end you may come fo near, that you may have and therefore run in amidft the channel, betwise the forefaid rode under it for a foutherly and Southeast winde, in 3, 4, 5,6,

poynt, and anokor when you come within the point right a grinft the calle in a or a fathom. For to faile into Watersberthe Trindel, which you may found about, when you Sayle Lefou. gen by markes, you must bring Old boey to the N. side of the through betwixt Lesou, and the Trindell, which is te nearer caftle, and goe on N. N. E. there lieth a rock even with the Lesou the showlder, and the nearer the Trindell the deeper. five and fix fathom.

Two leagues to the fourthwards of Watersbergen lieth the The Trindell is a front Sand plate, three cornerd, and fomeriver of Valckenburgh. On the north fide of the Rivers mouth what long of fashion, it is no more then four foot deep, and lieth an Iland, called Murupting, and three leagues to the S.
wards of it, lieth an Iland called Tullo, betwist that Iland and waye, lying from the Northeaft end of Lefon Northeaft, or a Valckenburgh, within the land, lieth a high hill, called Haver, little more eafterly about 3 leagues diffant. On the northeast being whito to fee to, as if it were fandy Land: fea fearing men fide of the Trindell lyethallways a great buy, whereby you

When the poynt of the Scaw is northeast and by west about Depths league from you, there it is seventeen and eighteene fathom Three leagues castwards from Tullo, lieth Helmstee upon deep, but when the poynt lyeth west, and west and by south Scaw. rom you, about a league there it is 4 or 35 fathom deep.

But he that commeth faylinh about the Scaw, and runneth without the riffe in tenne, eleven, or twelve fathom, and goeth river into the land. A league weftwards from Laholme lieth on from thence Southeaft, or Southfoutheaft, keepeth a long while full, the depth of fifteen and fixteen fathom, at leaft the fpace of three leagues, before the gette twenty, or five and twenty fathom. When as that you beginne to get againe flowly der water of tenne, eight, feven, and fix fathom, that goeththen through within the Trindell. When that you shall meete with the forefayd depth of the flowlding, and faile yet further on Southfoutheast, then you must be very carefull to use your lead often, because of the foresaid showld, which lyeth of from the norteast end of Leson towards the Trindell, you may run over it (as is faid) in five, foure, and fo well (in the narrowe) in three fathom. When the northeast point of Lesou beginneth to come Southfouthwest from you, then you come on against the riff or showld, but when the point is Southwest from you, then you are over the showldest off the riffe. When the west end of Lesou is Southwest, and the church Southwest and by fouth from you, then you are about thwart of the buye of the Triodell.

Four leagues fouth and by west from the Scaw lye the smal- The Hel-Helmes, not far from the shoare, that are three little Hands, mes. the fouthermost the luttes doe call the Deyen or the Dee , the midlemost Holmes, and the northermost Grasholme by Three leagues to the westwards of Bosstadt lyeth the Ilaud them lyeth yet another little Ilaud. You may faile through

little lland, fomewhat nearer the main land then the llands:

windes, in clean ground, of fmall white and black fand

Betwixt the Scawe and the Helmes in the farewaye it is deep eighteen, fixteen, and fifteene fathom. Betwixt the Helwater. When you come from the northwards througe betwixt them untill you come thwart of the fouth end of the rockes, there runneth off a little riffe from the Helmes towards the From the Riffe of the Scawe to the Hand Lefou , the course frand, where the great stones lye called Bourser riffe, but keemay well run out againe by that fouth end towards Zeabuy. The Hand Lefon is compaffed round about with foule So that you may fayl round about the Helmes with flippes

Helmes, it is 20 and 25 fithom deep, foff ground, but one wards from it, Iye many uneven dwaelgrounds, of two, three, league from the Helme Iye fome rocks or flowlds, where of and four fathome.

northwards of the forefaid riffe, that lyeth off from the S.W. fathome, you need not faile on more eafterly them foutheast point of Lefou, where the flat church flandeth upon, which and by east, although it be by night, you shall with such winde

the Belt. About a league northnorthwest from the west end of Lesou, betwist Lefou and S.S.E. fomewhat foutherly from the point of the Scaw, and Lefou to Anout with a fouthwest or well-fouthwest winde, as the Holms, east southeast from the little Helmes, there lye two or 3 little is before said and make reckoning to come by night by Athem is farre flat, foure and five fathom deepe fandground.

you shall runne over those showlds or flats (lying to the north- northwest and by north, that goeth also a good wayes along the wards from the forefaide Holmkens) in fix or feven fathom, You be S. W. from you, When that east end beginneth to come weather off the riffe off Anout. fouth and by west from you, then you come on against the flat, or rif, which shooteth of from the northeast end of Lesou tothom, unro 8, 6, and 4, and also to 3 fathom. If you be someand then it wil be again deeper, four, fix, tenne and fifteene by north feven leagues afunder.

When you come from the Scaw with a fouthwest or westwithin the fourthwest winde, and that you wil fail through within the Trindel, del. ther is, herwitz the Trindel, and Lefou, it is best that you life you will faile towards Lefou with a fouthwest winde, codel, that is, betwixt the Trindel and Lefou, it is best that you more northerly or foutherly from the buye upon the Trindel. Afterwards it will be again deeper, if you be in the right fareway, to wete, 7, 8, 10, and also wel twelve fathom.

and allo three fathom. When the norteast point of Lefou, and cleare of the riffe-(that is the point with hommocks) is fout and by welt from thirtie, five and thirtie and also forty fathom.

tenne fathom, and then you shall not befarre off from it.

of the Trindle then you runne farre enough along t without | 4 leagues, there lyeth alfo a banck off 14 or 13 fathom. the Trindle.

Anout and or tenne leagues afunder. Fetwixt Anoute and Lefou in the needle too. The north fide (when you come from the north-Lefou. and Lefou into the Belt.

Amout is upon the west side very scule, and sarre of to sea-

When you fail with a foutbweft or westerly winde from Le-To the westwards of Leson lye the Dwaelgrounds, to the Souto Anout, and runne over the flat of Leson in three or four are very uneven of three, four, five, and fixe fathorn deep. Of and courfe run cleare enough of Anout. When as that you rectheir and more other showlds and uneven grounds, betwixt kon to have the length of the riffe, goe then on fouthfoutheast Lefou & Zeabuy, reade the description off the norther part of and fouth and by east, for to fail a wether of Coll. But by day or when you can fee about you, not more leewarly then fouthfoutheaft. When you faile off from the forefaid point of low llauds or rocks, a little above water; betwixt these Holm- nout, then you can not doe better, as to goe eight, tenne, or kens, and the Helms, it is twenty fathom, but betwixt thefe twelve glasses, (according as the windeshall blow fresh) on Holmkens and Lefous fathom deep, to the northwards off fourthouthealt, until you come against the showldingh of Anout and looke for the daye, that running not to far to leewards of If you will tayl by night off from the Helmes or from the the point off the riffe, you may the better gette a weather off high land of Lacklie towards Lefou with a fouthwest or fouth- Col. Likewise, when you come off from Coll with a fouthfourthwest winde, then sayle no nearer because of these little west or southerly winde, and runne about a halfe league alongst Hands and showlds then foutheast and by east, with that course without Coll, you neede not also faile more northerly, then to leawards off Anouts riffe, and fo forth towards Lefou. But afterwards it wil be deeper again, nine, ten, and twelve fathom, when you come with a northeast winde out off the Sound, or go then on ealtfoutheast folong untill that the cast end of Le- from Col, you must runne out close by Coll, if you will fail a

He that must lye by or turne to windwardes betwixt Lesou and Anout, and is bound for the Sound , let him keepe himwards the Trindell. It dorbshowld up from 14, 12, and 10 fa. selfe on the west side of the sarewaie, when he is a league or two a wather of Lefou, upon those forefaid flattes , or feorue, what near to Lafou, the three fathom lafterth a good whiles, good it will be again deeper from any fifteen and fifteen; within a league or two off Anout, there it will be again deeper, fathom, and then verie deep. When that foresaid northeast but uneven the one cast at least a fathome more or lesse then end of Lelou is S.W. from you, then you are cleare of that flat.

The Helmes and the Trindel lie caû and by fouth and weft and off fixteene, twentie, and allo thirtie fathom, then is Anout ver off fixteene, twentie, and also thirtie fathom, then is Anout yet about three leagues fouth from you, comming neare Anout it wil be verie uneven at one time thirtie, and then foone againe

goe fuch a courfe, that you may make your wayes good fouth- ming about the rifle off Anout from the fouthwardes, then goe east and by fouth, and then you shal run along t about the midst not on more westerly then northwest. Iff you goe on more weof the channell, through betwist the Trindel, and the fore- fterly, either westnorthwest, or northwest and by west, then faydlow rocks, (which lye northnorthwest of from the north- you shall come soon upon the slatte betwixt Anout and Lesou, point of Lefou, and fouthfoutheaft from the point of the Rif and shall finde first tenne, and then by little and little, 6, 5, and of the Scaw.) At the deepest in this farewaye, betwist the 4 fathom. When that with the northwest way you beginne to Scaw and Lesou, it is 23 and 24 fathom, being past over that, gette Leson in fight, then it lieth high, that is, the west ende you shal come against a banck of eight, seven and fix, and also about westnorthwest, and the northeast ende, where the riffe into five fathom, and then you that be about due weft, or a little lyeth off, about northnorthweft from you. When you come to Destin neere to Lefou, that you can fee the east end out off the toppe Lefou. in cleare weather, about northwest from you, there it is thirtie; and 34 fathome deepe, that lasteth fo long untill that the For not to fail within the rif, or the northeaft point of Le. forefaid eaft pointe be fouthfouthwest from you, but when that fou, it is good to run then fomewhat more eafterly, to wete, point is fouthfouthwelf from you, then you are right thwart fourhealt, or fouthealt and by eaft, untill you come against the or upon the pointe or showldest off the rist, then you shall runne forefayd riff that lyeth off from the noortheast point of Lefon, over there in three, 4, 5, Fathom: When that forefaid point which you may found, and fo runne about by it in five, four, commeth to be fouth and by well from you, then you are past

Betwixt Anout and Waeshergen in the farewaye it is deepe Deptis you, then you come against the rist, and when that point is one and twentie, two and twentie, and three and twentie Fa-twhat S.S.W.from you, then you are right twhart of the rif, but when thome, betwirt them lyethalfo a banck off ten, twelve, 14, Anome, the point is S. W. from you, then you shall be patt and cleare of and sixteene fathom. When the northermost high hil of Waesthe rif. Being gotten about it towards Anoute, it will be deepe bergen is northeast from you, then the pointes off Anoutes riffes is fouthwest from you but when that hill is northeast and He that commeth by night about the Trindell, must not by east from you, and that you be somewhat nearer Norwaye fpare his lead, on the outer fide, that is on the call fide off the then the rifle, then you are upon the banck. When you come Trindly you may not come no neare it by night, then nine or upon it by night, then goe on fouth, or fouth and by east, according as the winde shall bee , and then you shall get againe When you faile close alongst without the Trindel in cleare deeper water. There lieth yet another banck betwirt the weather, and that you fland without board, upon the bendes riffe of Anout and Valckenburgh, which lyeth along flunto of the shippe with your feet by the water, then you can even Haland, which at some places is not deeper then eight fafee Lefou. If that then in cleare weather standing fo without thom. When the pointe off the riffe is about fouth and by east, the ship, you can not see Leson, when you are about thwart and the high land off Anoute is about S, and by west from you

The riffe off Anout lyet off from the northeast point off Riffe of The Trindle and the riffe of Anout Ive northwest and fouth- Anout about eastnortheast a league and a halfe into sea, and at Al eaft or as some say southfoutheast and northnorthwest, nine the end lieth drye above water, which is exceeding steepe and right farewaye it is five and twentie fathom deep , but to the wards or the westwards) you may found, and runne along the by weftwards of it, to wit, right betwixt the llands Anout and Le- it in 17, or 18 fathome: but commingh from the fourthwards, fou it is should water, of seven and eight fathome, you may you can not (in no wife) come neare it by your lead, for on the fayle there over these states and showlds through betwixt Anout | South side close to the Riff, it is thirtie and five and thirtie fathome deep.

On the north fide off the riffe, you may maker at many

anckor in eleven, twelve or thirteene fathom, fo that the Fire- into the bay, must be very carefull, and take heed there of, bebeacon be foutheaft and by fouth, and the high land of Anout, cause it is there abouts very uneven of depths, and uneven which is the wellend, about fouthwell and by well from you, grounds, and therefore you can not well come neare then by then lieth the outermost end of the riffe east and by north from your lead; but the Coast of Zealand you may come neare in fix you, there is very good lying for caltioutheaft , fouthcatt, fouth, and fouthfouthweft windes. When you fet fayle from If though dappen that you must lye by, in the Scawe reach Depths in hout feare (either by night or darke weather) fail alongst by rections following: If you be betwixt the Scawe and Lesou, the riffe in fixteen , feventeen or cighteene fathom , until then you may keepe your felf well bouldly to the fouthwards thwart of the ende, keeping in fach depth you kan take no hurt or westwards , but use the lead much: about the Helmes and of it. Comming by the end, it is four and twenty and five and the Scawe you may come neare the shoare into ten, 12, or 15, twenty fathom deepe, but when you com about the point, and fathom, before you need the cast about. If you be by your beginne to goe on fouthfourheaft, then you have prefently reckoning thwart of Lefou, you may come neare it in ten or cloic to the riffe no ground in thirtie and five and thirtie fathom. The riffe of Anout and Collye one from the other fouth- may runne upon the flats in five, fix, feven, eight or tenue faeaft and northwest about tenne leagues asunder. In cleare weathom. If you be betwixt Anout Haselin and Coll, there you ter you may eafily fee from belowe both Col and Anout, when may runne to the fouthshoare in fifteene and fixteene fathom, you are betwixt them both. For to faile from the riffe to the but betwixt Hafelin and Zealand in ten or twelve fathom. Sound with a welflouthweft winde, you neede not faile nearer It is belt in anie wife to keepe you rather to the fouthfloare, with a ship that faileth wel, then southsoutheast, with that then to the Norway side, but you must be verie carefull of your course you shall fail farre enough a weather of Col. Comming lead, and use it very much. neare the coaft of Zealand, that you may found in fourteene,

twelve, tenne, and eight fathome deepe,
Betwixt Anout and Zealand, in the farewaye it is eighteene Betwist Anout and Zealand, in the farewaye it is eighteen and twentie fathom deepe. Betwist Anout and Zealand fifteen and fixeen fathom , but in the farewaye betwist Anout and father fathom , but in the fatewaye betwist Anout and father fathom is the fathom of the fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fathor fat Coll, it is deepe twentie, one and twentie, two and twenty, and fincke to the ground.

by cast from Anout , there lyeth a banck of nine , tenne and twelve fathom,

About east and by fouth from Anout, so far that you can not well fee it from beneath, but you may fee out of the top, an northwelt from Coll, there lyeth also a banck off fixteene fa thom, groffe fand ground, as if it were ground of the tiffe.

South and by east about eight leagues from the point off A nouts-riffe, foutheast and by fouth from the fouth end off ! nout, and west and by north from Coll about 5 leagues, lye th Lowfegroundes, upon which is no more then eight foot water He that commeth off from Anout riffe, being bound for th Sound, and goeth not more foutherly then fouthfoutheaft, the not fayle within these grounds , but with a fouth and by ea course he showld fall with them. He that cometh out of Sound being bound towards Anout, fhould (with a W. N. W. courfe from the Sound) also faile within the same therefore he that bound with a bare winde from Anout to the Sound, or fro the Sound to Anout, must be carefull thereof.

The Hand Hafelin lyeth from Anouts riffe fouth tenne le gues diftant, and from Coll fouthwest and by west eight le gues, which is on the north fide or outer fide verie foule, fi of riffes and shoulds, but on the fourh side or inner side towar Zealand it is indifferent clean, fo that you may wel have roas there. From the eaft end of Hafelin lieth of a riffe northnort east and northeast and by north towardes Norwaye three le gues into sea, untill within a league near to the Lowseground

places in tenne, eleven twelve, and thirteen fathom. When you | northerly windes, and runneth formewhat far over well wards

thence, and are bound to the Sounde, then you may boldly wit-in long darke nights or miftie whether, then observe these di-teach.

### Of the tydes and courfes of the streames.

### Courses and Distances.

| d                           | From Akerfound to Southerwycksholme foutheast and by east          | 5 leagues                     |  |  |
|-----------------------------|--------------------------------------------------------------------|-------------------------------|--|--|
| 3-                          | Evom Southerwyksholme to Harmenshead fouthioutheast 4              | or 5 leagues                  |  |  |
| 4-                          |                                                                    | 5 leagues                     |  |  |
|                             | From the weit end of the Paternolters to the Maelitrand the course | is eathnorth                  |  |  |
| ١.                          | eaft                                                               | 2 leagues                     |  |  |
| Ĺ-                          | From Maelifrand to Winney foutheaft                                | <ul> <li>s leagues</li> </ul> |  |  |
|                             | From Winnen to Maelfound fouthfoutheast about                      | 2 leagues                     |  |  |
| ıe                          | From Macifound to Waersbergen fouthfoutheast                       | 4 leagues                     |  |  |
| r.                          | From Waersbergen to Tuylo fouthealt                                | 5 leagues                     |  |  |
|                             | From Tuylo to Laholme foutheaft and by east                        | s leagues                     |  |  |
| ıe                          | From Laholme to the point of Turko behinde Swedereur the co        | urfe is weft-                 |  |  |
| al                          | fourtwest                                                          | 2 leagues                     |  |  |
| At                          | From Turko to Englicholme foutheaft                                | 4 leagues                     |  |  |
|                             | From Enghelholme to Coll weft 4                                    | great leagues                 |  |  |
| d,                          | From Madificand to Nyding fourfourheaft                            | or 9 leagues                  |  |  |
| of                          | From Maelfound to Nyding the course is fouthwest and southwest     | t and by west                 |  |  |
| is                          |                                                                    |                               |  |  |
|                             |                                                                    | 5 leagues                     |  |  |
| $\mathbf{m}$                | From Waersbergen to Coll fouth and by east                         | 12 leagues                    |  |  |
|                             | From the fouth end of Swedero to Coll fouthwest                    | 4 leagues                     |  |  |
| a-                          | From the riffe of the Scaw to Maelifrand eastnortheast             | 1 a leagues                   |  |  |
|                             | T the siffs of the Course a htudion fourhood and by fourh          | 16 leagues                    |  |  |
| a-                          | From the Riffe of the Seawe to Waersbergen eaftfoutheaft           | 2.2 leagues                   |  |  |
| ıll                         | From the Riffe of the Scawe to Coll alongit without the Trindle    | S. 20 leagues                 |  |  |
| ds                          |                                                                    | 8 leagues                     |  |  |
|                             | From the Riffe of the Scawe to the Trindell due foutheaft          | 8 leagues                     |  |  |
| de                          | From the Trindell to Anours riffe foutheast, or as some will s     | ave fomewhat                  |  |  |
| h-                          | more foutberlye 9                                                  | or to leagues                 |  |  |
| a-                          |                                                                    | 10 leagues                    |  |  |
|                             | From Anouts rifle to Hafelin fouth                                 | 10 leagues                    |  |  |
| ls:                         |                                                                    | 8 leagues                     |  |  |
| or                          | From Coll to the northermost out points of Zealand fouthwest       | 5 leagues                     |  |  |
| loe shew themselves at sea. |                                                                    |                               |  |  |
| one                         | ghbergh 1                                                          | Britto?                       |  |  |
|                             |                                                                    |                               |  |  |
| _                           |                                                                    | <u> </u>                      |  |  |
| Ш                           |                                                                    |                               |  |  |
| w                           | rwyksholme and Maelftrand , when you will fail alongft by it,      |                               |  |  |

| he that must turne to windeward: | s nere , with fourthering or sprom con to the northerinor our point                                               | it or penand tout were 3 toughton   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------------------------------|
|                                  | How these Lands doe show themselves at sea.                                                                       |                                     |
| Distelbergh.                     | Longhbergh                                                                                                        | Britto                              |
|                                  |                                                                                                                   |                                     |
| Thus sheweth the                 | land of Northeast betwixt Southerwyksholme and Maelstrand, when you will<br>being foure leagues without the land. | fail alongst by it,<br>Waersbergen, |
| ~~~~                             |                                                                                                                   |                                     |
|                                  | Thus sheweth the land betwixt Maelitrand and Waersbergen.                                                         |                                     |
|                                  |                                                                                                                   | _ •                                 |

Tous showeth the land of Waersbergen, when you fayle alongft by it, from Anout into the Sound

Thus showeth Anout, when you fayle of from Lefou.

Thus showeth Lefou when you fayle from the Scawe towards it.

2 leagues

league from the Helme lye fome rocks or showlds, where of and four fathome.

-point of Lefou, where the flat church standeth upon, which and by east, although the by night, you shall with such winde are very uneven of three, four, five, and fixe fathom deep. Of and courfe run cleare enough of A nout. When as that you rectheir and more other showlds and uneven grounds, betwixt kon to have the length of the riffe, goe then on fouthfoutheast Lefou & Zeabuy, reade the description off the norther part of and fouth and by east, forto fail a wether of Coll. But by day

betwist Lefou and S.S.E. somewhat southerly from the point of the Scaw, and Lesouto Anout with a southwest or well-southwest winde, as the Holms east foutheast from the little Helmes, there lye two or 3 little is before faid and make reckoning to come by night by Alow llands or rocks, a little above water; betwixt these Holm- nout, then you can not doe better, as to goe eight, tenne, or kens, and the Helms, it is twenty fathom, but betwixt thefe twelve glaffes, (according as the windefhall blow fresh) on Holmkens and Lefour fathom deep, to the northwards off fouthfoutheast, until you come against the showldingh of Anout them is farre flat, foure and five fathom deepe fandground.

high land of Lacklie towards Lesou with a southwest or south- Col. Likewise, when you come off from Coll with a southfouthwelt winde, then fayle no nearer because of these little welt or foutherly winde, and runne about a halfe league along st Hands and showlds then foutheast and by east, with that course without Coll, you neede not also faile more northerly, then you shall runne over those showlds or flats (lying to the north- northwest and by north, that goeth also a good wayes along the wards from the forefaide Holmkens) in fix or feven fathom, afterwards it wil be deeper again, nine, ten, and twelve fathom, when you come with anortheast winde out off the Sound, or go then on ealtfoutheast fo long untill that the cast end of Le- from Col, you must runne out close by Coll, if you will fail a fou be S. W. from you, When that east end beginneth to come | weather off the riffe off Anout. fouth and by west from you, then you come on against the flat, or rif, which shooteth of from the northeast end of Lesou tothom, unto 8, 6, and 4, and also to 3 fathom. If you be someand then it wil be again deepef, four, fix, tenne and fifteene by north feven leagues afunder.

When you come from the Scaw with a fouthwest or westwithin the fourthwest winde, and that you will fail through within the Trindel. | will be verie uneven, at one time the Trindel. | fifteene, 17, and also 20 fathom. del, that is, betwixt the Trindel and Lefou, it is best that you Scaw and Lefou, it is 23 and 24 fathom, being past over that, way, to wete, 7, 8, 10, and also wel twelve fathom.

and a fo three fathom. When the norteast point of Lefou, and cleare of the riffe. (that is the point with hommocks) is fout and by well from thirtie, five and thirtie and also forty fathom.

tenne fathom, and then you shall not befarre off from it.

of the Trindle then you runne farre enough along t without | 4 leagues, there lyeth alfo a banck off 14 or 15 fathom. the Trindle.

and Lefou into the Belt.

Anout is upon the west fide very scule, and sarre of to sea

Helmes, it is 20 and 25 fathom deep, foft ground, but one wards from it, Iye many uneven dwael grounds, of two, three,

When you fail with a foutbweft or wefterly winde from Le-To the westwards of Leson lye the Dwaelgrounds, to the four o Anout, and runne over the flat of Lesou in three or sour northwards of the foresaid riffe, that lyeth off from the S.W. sathome, you need not faile on more easterly them southeast or when you can fee about you , not more leewarly then About a league northnorthwest from the west end of Leson, southfoutheast. When you saile off from the foresaid point of and looke for the daye, that running not to far to leewards of If you will fayl by night off from the Elelmes or from the the point off the riffe, you may the better gette a weather off to leewards off Anouts riffe, and so forth towards Lesou. But

He that must lye by or turne to windwardes betwixt Lefou and Anout, and is bound for the Sound , let him keepe himwards the Trindell. It dothshowld up from 14, 12, and 10 fat selfe on the west side of the sarewaie, when he is a league or two a wather of Lefou, upon those foresaid flattes, or fourne, what near to Lafou, the three fathom lafterha good whiles, and feven fathom, when as that he beginneth to come what near to Lafou, the three fathom lafterhe good whiles, and feven fathom, when as that he beginneth to come within a league or two off Anout, there it will be again deeper, farhom, and then verie deep. When that forefaid northeast but uneven the one cast at least a fathome more or lesse then end of Lefou is S.W. from you, then you are cleare of that flat. the other, when that you shall begin to get that uneven ground The Helmes and the Trindel lie east and by fouth and west and off sixteene, twentie, and also thirtie fathom, then is Anout yet about three leagues fouth from you; comming neare Anout it wil be verie uneven at one time thirtie, and then foone againe

If you will faile towards Lefou with a fouthwest winde, cogoe fuch a course, that you may make your wayes good fourth- ming about the rife off Anout from the fourthwardes, then goe east and by fouth, and then you shal run alongst about the midst | not on more westerly then northwest. Iff you goe on more weof the channell, through betwixt the Trindel, and the fore- sterly, either westnorthwest, or northwest and by west, then faydlow rocks, (which lye northnorthwest of from the north- you shall come soon upon the slatte betwixt Apout and Lesou, point of Lefou, and fouthfoutheaft from the point of the Rif and shall finde first tenne, and then by little and little, 6, 5, and of the Scaw.) At the deepest in this farewaye, betwixt the 4 fathom. When that with the northwest way you beginne to gette Lefou in fight, then it lieth high, that is, the west ende you shal come against a banck of eight, seven and fix, and also about westnorthwest, and the northeast ende, where the riffe into five fathom, and then you shal be about due west, or a little liyeth off, about northnorthwest from you. When you come so p more northerly or foutherly from the buye upon the Trindel. | ueere to Lefou, that you can fee the cast end out off the toppe Afterwards it will be again deeper, if you be in the right fare- in cleare weather, about northwest from you, there it is thirtie, and 34 fathome deepe, that lasteth fo long untill that the For not to fail within the rif, or the northeast point of Le. | foresaid east pointe be fourthouthwest from you, but when that fou, it is good to run then fomewhat more eafterly, to wete, point is fouthfouthwell from you, then you are right thwart fouthealt, or fouthealt and by cast, untill you come against the or upon the pointe or showldest off the rist, then you shal runne forefayd riff that lyeth off from the noortheast point of Lefou, over there in three, 4, 5, Fathom: When that forefaid point which you may found, and fo runne about by it in five, four, commeth to be fouth and by well from you, then you are past

Betwixt Anout and Waesbergen in the farewaye it is deepe you, then you come against the rist, and when that point is one and twentie, two and twentie, and three and twentie Fa-e S.S.W.from you, then you are right twhart of the rif, but when thome, betwixt them lyethalfo a banck off ten, twelve, 14, the point is S. W. from you, then you shall be patt and cleare of and fixteene fathom. When the northermost high hil of Wacsthe rif. Being gotten about it towards Anoute, it will be deepe bergen is northeast from you, then the pointes off Anoutes riffes is fouthwell from you but when that hill is northeast and He that commeth by night about the Trindell, must not by east from you, and that you be somewhat nearer Norwaye fpare his lead, on the outer fide, that is on the call fide off the then the riffe, then you are upon the banck. When you come Trindly you may not come no nearest by night, then nine or upon it by night, then goe on fouth, or fouth and by cast, according as the winde shall bee , and then you shall get againe When you faile close alongst without the Trindel in cleare deeper water. There lieth yet another banck betwixt the weather, and that you fland without board, upon the bendes riffe of Anout and Valckenburgh, which lyeth along tunto of the shippe with your feet by the water, then you can even Haland, which at some places is not deeper then eight fafee Lefou. If that then in cleare weather standing fo without thom. When the pointe off the riffe is about fouth and by east, the ship, you can not see Lesou, when you are about thwart and the high land off Anoute is about S, and by west from you

The riffe off Anout lyet off from the northeast point off R The Trindle and the riffe of Anout ly enorthwest and south- Anout about eastnortheast a league and a halfe into sea, and at eaff or as fome fay fouthfoutheaft and northnorthweft, nine the end lieth drye above water, which is exceeding fteepe and or tenne leagues afunder. Petwixt Anoute and Lefou in the needle too. The north fide (when you come from the northright farewaye it is five and twentie fathom deep , but to the wards or the westwards) you may found, and runne along it by westwards of it, to wit, right betwist the llands Anout and Le- it in 17, or 18 fathome: but commingh from the southwards, fou it is should water, of seven and eight sathome, you may you can not (in no wife) come neare it by your lead, for on the fayle there over these flats and showlds through betwixt Anout | fouth side close to the Riff, it is thirtie and five and thirtie sathome deep.

On the north fide off the riffe, you may maker at many

anckor in eleven, twelve or thirteene fathom, fo that the Fire- into the bay, must be very carefull, and take heed there of, be-Boad on- beacon be foutheaft and by fouth, and the high land of Anout, cause it is there abouts very uneven of depths, and uneven der Anour which is the weltend, about fouthwest and by west from you, grounds, and therefore you can not well come neare then by wmen is the weitering, about noninvert and by weit from you grounds, and interestor you can not went confinement enter of the fifth eath and by north from your lead, but the Coat of Zealand you may come neare in fix you, there is very good lying for eaffoutheat!, fouth, and fouthfouthwel-windes. When you fet fayle from If it showld happen that you must lye by, in the Scawe reach Depths in hout feare (either by night or darke weather) fail alongft by rections following: If you be betwixt the Scawe and Lefou, the riffe infixteen , feventeen or eighteene fathom , untill then you may keepe your felf well bouldly to the fouthwards thwart of the ende, keeping in fuch depth you kan take no hurt or westwards, but use the lead much: about the Helmes and of it. Comming by the end, it is four and twenty and five and the Scawe you may come neare the shoare into ten, 12, or 15, twenty fathom deepe, but when you com about the point, and fathom, before you need the call about. If you be by your beginne to goe on fouthfoutheast, then you have presently reckoning thwart of Lefou, you may come neare it in ten or close to the riffe no ground in thirtie and five and thirtie fa- 15 fathom. But if you be betwixt Lesou and Anout, there you thom. The riffe of Anout and Collye one from the other fouth- may runne upon the flats in five, fix, feven, eight or tenue faeaft and northwest about tenne leagues asunder. In cleare weathom. If you be betwixt Anout Haselin and Coll, there you ter you may eafily fee from belowe both Col and Anout, when may runne to the fouthshoare in sifteene and sixteene fathom, rends you are betwixt them both. For to faile from the riffe to the but betwixt Hafelin and Zealand in ten or twelve fathom. Sound with a well fouthwell winde, you need not faile nearer It is belt in anie wife to keepe you rather to the fouthilloare, heavist Sound with a well-fouthwelt winde, you neede not have leader to the Norway fide, but you must be verie carefull of your amount file with a ship that faileth wel, then southfoutheast, with that then to the Norway fide, but you must be verie carefull of your and the course you shall fail farre enough a weather of Col. Comming lead, and use it very much. neare the coast of Zealand, that you may found in fourteene,

twelve, tenne, and eight fathome deepe,
Betwixt Anout and Zealand, in the farewaye it is eighteene Betwixt Anout and Zealand , in the furewaye it is eighteen and twentie fathou deepe. Betwixt Anout and Zealand fifteen and isteen fathout deepe. Betwixt Anout and Zealand fired the winds and is repitable there found that the foundation of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of Coll, it is deeper twentie, on and twentie; two and twenty, and three and twentie fathom. To the fourthwards off the welfward of the interest of it, it is flowder, to were, not all of welf towards, but coveraged to the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of t Coll, it is deepe twentie, one and twentie, two and twenty, and | fincke to the ground.

by east from Anout , there lyeth a banck of nine , tenne and twelve fathom.

About east and by fouth from Anout, so far that you can not About eait and by fouth from Amout, for the top, and well feet if rom beneath, but you may fee out of the top, and northwell from Coll, there lyeth also a bank off lixteene famour the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collection of the collecti

South and by ealt about eight leagues from the point off A-nouts-riffe, foutheast and by fouth from the fouth end off A-

The Iland Hafelin lyeth from Anouts riffe fouth tenne leagues diftant, and from Coll fouthwest and by west eight leagues, which is on the north fide or outer fide verie foule, full of riffes and shoulds, but on the fourh side or inner side towards Zealand it is indifferent clean, fo that you may wel have roade there. From the east end of Hafelin lieth of a riffe northnortheaft and hortheaft and by north towardes Norwaye three legues into fea, untill within a leaguenear to the Low degrounds, be that must turne to windewards here, with foutherlye or second of the northernost outpointed and howest legues into fea, untill within a leaguenear to the Low degrounds.

places in tenne, eleven twelve, and thirteen fathom. When you | northerly windes, and runneth somewhat far over westwards

thence, and are bound to the Sounde, then you may boldly wit-in long darke nights or militie whether, then observe these di-reach.

### Of the tydes and courses of the streames.

### Courfes and Distances.

South and by call a Bottle eight regules risk on the point of A nouts - fife, fouthered and by fourth from the fourth end off A nout, and welf and by north from Coll about § leagues, by ethe Lewis-Lowing rounds, upon which is no more risk or the right foor the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of the risk of t From the fouth end of Swedero to Coll to...tweel; From the riffe of the Seaw to Meditand eathorstead; From the riffe of the Seaw to Nydmg foutheat and by fouth From the Kiffe of the Seaw to Nydmg foutheat and by fouth From the tiffe of the Seaw to Coll along the without the Frindle S. From the Kiffe of the Seaw to Coll along the without the Frindle S. From the Kiffe of the Seaw to the Timbell dual comtheat From the Timbel to Anotus tiff downbeat, or as fone will faye 9 or 10 leagues 10 leagues

## How these Lands doe show themselves at sea.



Tous showeth the land of Waersbergen, when you fayle alongft by it, from Anout into the So

Thus showeth Assortiwhen you tayle of from Lefou

Thus showeth Lefou when you fayle from the Scawe towards it.

## The fixth Demonstration,

In which Are feth forth the North coasts, between Akerfound and Schaerfound, and from Schaerfound to Schuytenes.

Georges great round Warder, for knowledge of this haven. Coninx-ha-wardes of the Naze, is called the Kloof or the Cowe & Calle, point and Conings Yland, and then men run alongft to the east-the high land, and are fo called by the Dutch Schippers. He wards off the Baers, which lieth off from the forefaid rough that will faile into this Haven comming from the weltwardes,

and anckor in the Coningshaven in 28 and 30 fathom. The Neffe. Forto faile into the Neffe, that is out the north fide behinde that he shall find another out rock, whereupon standeth also a

Stavange. Longfound, lieth Stavange, that are fome out-rockes, where the Cowe and the Calfe stande about northeast from him, men may faile within on both fide, to the eaftwards of it lieth A little to the eaftwards of Sparrels lyeth a Haven called the found of Laerwyck.

From the east point lieth of a great rane of rocks a good wayes runne so inwards untill you come into the haven. off fourtheaft and by eaft into fea, and run in almost halfe he Four leagues to the eaftwards of Scarfound, lieth the Iland Sound, called the Lacrwykes Swines, where of men must take Holyfound, whereupon stander two greate Warders, you must farre within no great thips can lye afloat.

northeaft foure leagues, betwixt them both lieth the litle tow- manie shippes lade. ne Tonsbergen in a great Bight. And from Farder to the lland About three league eaftnortheast from Holysound and eig Bast the course is north and by west five leagues, betwixt both leagues to the eastwardes off the Naze, lyeth the haven and

wycksee, a haven that goeth up to the eastwards, & then there is Wyke-me, where the Gallowes standeth upon, and anckor by the west

wards into the Bortom. longft to the eastwards of it, but he that is bound into Copper- all the black holmes on the larboard fide.

but anckor under Fletto, then you must run through within and anckor there, as is before faid. the two fmall rocks.

The Sifters. From Baft unto the Sifters the course is foutheast five leafters, untill you come against the land, there you shall find a towards the Drommels. great gray rock, which you must leave on the larboard fide, and the small rocks that lye there within on the starboard fide, and then alongft about by the westland, & then the haven opens it

on the north fea) westwards, the coast lieth somewhat alongst on the starboard side, and all the rocks of Ran-found on the larby the land of Leeft, weltnorthwest, but to the eastwardes off eaftnortheast abouth tenne leagues. From thence along north- point, and anckor there, that is a good haven for ships that are caft unto the Longfound about fixteen leagues. This coaft is bound to the westwards.

🕬 HE Longfound is one of the fairest havens off all | al alongst of high steepe stonic hilles, & without it full of manie Norway, and lieth northmortheast from Jofferland rockes veriestrange to behold, but it hath manie faire deep Norway, and lieth northnortheaft from Jofferland rockes verie strange to behold, but it hath manie faire deep distant one great league. Before old Longfound havens, with verie good anckorground, where in great abunlieth a high round rocke, whereupon Randeth a dance of timber and boards laden. The first Havens to the eastven that is the fourhermost or westermost channell of the after two high hommockes, good to be knowne, the one some - Case. Longfound, and goed in betwixt the westermost through what greater than the other, which lye within the Haven upon

point. For to faile in there, you must run in amid channell: shall meere with a greate rock somewhat to the eastwardes off the Naze, called Nelyn, whereupon is a Warder, being past the eaftermost point of Longfound (you must run through be- Warder, called Sparrels. Betwixt these two outrockes, he twixt the great rock, whereupon the Warder standeth, and the must runne into this haven the Cloof. When he commeth aland of old Longfound, leaving the forefaid rocks on the star- gainft Sparcels, there lieth a funcken rock under water, where board fide, and so alongst about that rough Yland, untill you of the must take heede. Somewhat within Sparrels lyeth an ocome into the Neffe, which lieth behinde a chindle frand, ther Rock in the farewaye, but above water, which he must there you finall Jye under a chindle off rockes like red fand; leave on the larboard fide. In failing in fo, in the haven doth There lye also some little rockes thwarr of that chindle. This open it self, by little and little, and so shall come against the is a good handfoom haven, and light for to come into , there it Cloof: being come within it the must edge up to the westwards, about the poynt, and anckor therein a fand baye, in fifis 24 and 25 fathom deep.

Wards, about the poynt, and anckor therein a fand baye, in fifA league to the eaftwards of the Neffe, or eaft point of the teen or fixteen fathom, fo that the two forefayde hommocks

Scarfound, or Westrysen, for io faile in there, you must leave Scarfour The Laerwyk is a great broad Sound, where are many Bighrs | Sparrels to the westwards on the larboard side, and all the great and Lade-places, where men may lye and lade Firretimber. Holmes or rocks to the eastwardes on the starboard fide, and

heed. Within in this Sound it is flat water and should, so that fayle in to the westwards of Hand, untill that you be within it, and anckorunder the forefayd Hand. Thwart of it runneth in From the Laerwyck unto the Iland Farder the course is east a great Sound into the land, where you may sayle in, and where

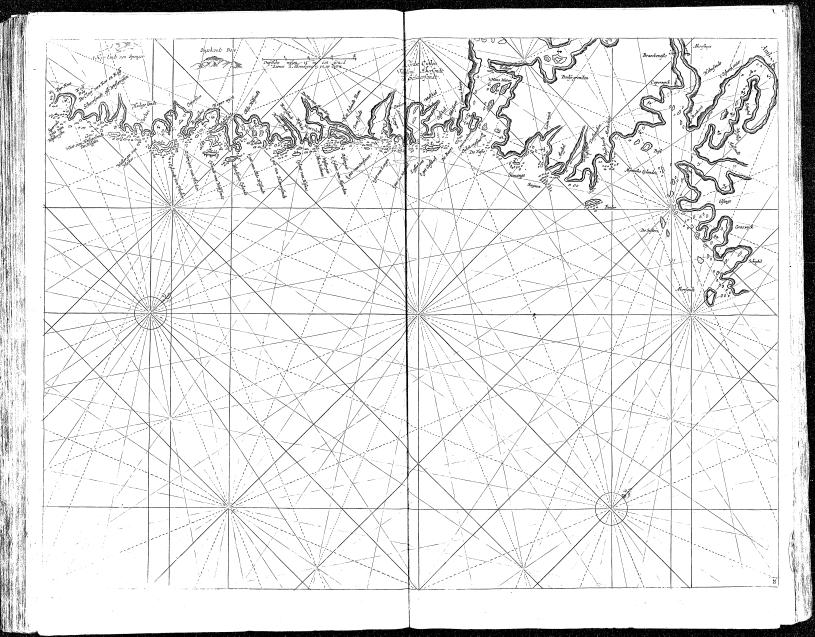
lieth a fowle point. To the fouthwards of Bast lieth Marken- lland Fleckerye, you may sayle in at both sides of the lland, as Fleckerie. boer, and the Eight of Alko, buth to the northwards of Baft lieth Lowfound. When the weftwardes, as from the eaftwards in to the haven of Fleckerie. The weftergat lyeth in northnortheaft. When the northnortheaft weftwards in the weftergat lyeth in northnortheaft. From the lland Farder to the Soon-water, the courfe is you com of from Holyfound then you fee open into the Sound, Florestein. north, but from Bast north and by east. The Soen-water lieth you must sayle alongst by the Rockes without Holysound, in most north. Upon it lye many havens and lade places, most untill you come within the Hand Fleckerie, and edge the weston the starboard fide as you come in. First there is Mos-found, wards towards the land, untill you come within the Dieveholftee, which is a bight behind and Iland, afterward Shiphill, a land, in fifteene, fixteene, or twentie fathome: You must bring fandbay and a very good road, that goeth fo up alongft to the out there an anckor a head, and make a cable faft on the rocks northwards into Auflo, and then it runneth about to the fouth. upon the land. You may runne from thence to the eaftwards of the Hand Fleckerie, out againe at the Eafter-gatte ealthorth-When you faile from Farder or Bast unto Soen-water, you east into sea, and then you must leave the little Iland within shall meet with a red point, betwixt the Soen water and the the Warders, which lyeth at the east end of the Hand Flecke-Copperwycke. He that is bound into Soen-water mult run a- rie, with all the greate rockes by it on the starboard fide, and

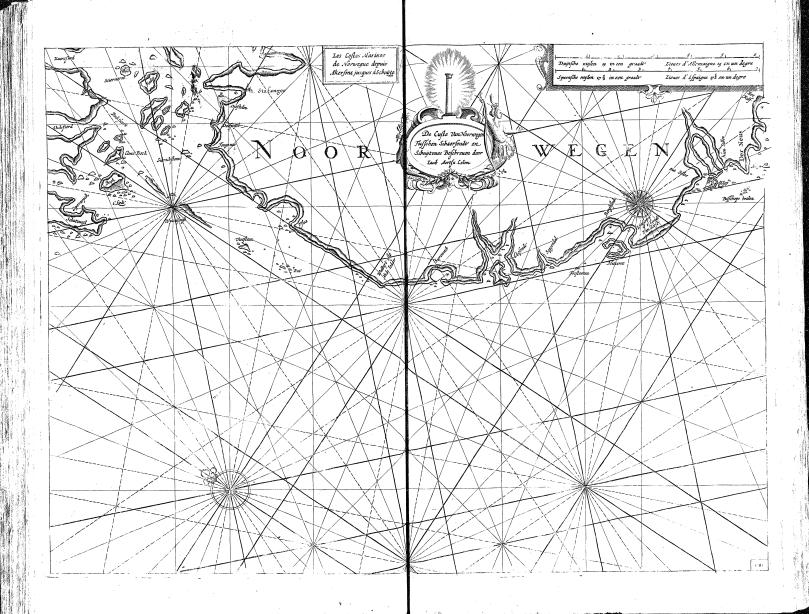
wyke must goe up alongst to the westwards of it and leave it on the starboard fide. When that you come within the Lams, you twixt the Iland Fleckerie and the pointe of Ransound. When gates shall espie a litle Church upon the westland, there is the lade you come before it, you may see open in the Vosse. For to faile place of the Copperflyke, you may fail up from thence to Bra- in there, you must leave all the black rocks thwart of the point kenes. On the north or east fide lieth Holmfound, from Far- of Ranfound on the starboard fide, and the greate graye rockes der to the point of Roge the course is northnortheast 5 league, with the little Iland, where the Warders stand upon, on the lar-At the east end of Roge you may anckor, there is a plain board side, when as you come then by the sornamed Dievenftrand, you may run through betwist the Roge and the Calf, holm, you must runne to the westwards of it into the Sandbay,

When you are thwart of the Eafter-gatte of Fleckerie, then there lieth right thwart from you within the land a high round gues. Behind the Sifters to the fouthwards of the point of Ro- hill, which men doe call the Boate turned up fide downe, which ge, lieth the haven of Elffang, diftant from the llaud Farder lieth out above all the lands there abouts, and comming from northeaft and eaft 1 leagues. When you come of from Farder, the westwards against Fleckerie, there shewe also three high you must run throug within the rocks, which lye within the Si- double land, which by little and little feeme to goe to nothing

Three leagues to the eaftwards of Fleckerie lyeth Reper-Repervy wyck, a broade and wide Sound, lying in north, and north and by welt. For to fayle in these you must runne in by the land of Wolf-found (lying on the cast side of this haven) leaving all the felf, which is narrow, and within flat and foft ground. Wolf-found (lying on the cast side of this haven)leaving all the
From the Naze (that is the fouthermost point of Norwaye rocks (and also where the mast of Wolf-found doe stand upon) board fide, untill that you come to the end, or within in the it (alongft without the rockes untill past the Iland Fleckerie) haven, and then you must edge up to the westwards about the

On the





On the east fide off Reperwyck liet Wolf-found, before it and round about it are all bare rockes. On each fide off the Ive two great Hands which flew them felves in high gray Hand goeth in a channell. The westergatte or channell goeth Rocks, with three or foure Warders upon them, whereby you in to the westwardes of the lland, and the eastergatte to the may know them.

leaving them on the larboard fide; and fome little rockes on the lland on the flarboard fide, and run in fo betwixt them the starboard side, untill that you come within the greate Hand, both northwest and by north, but with a southwest wind, you whereupon the great Warders stand, there you may anckor, must faile in northwest. Upon the northermost Miewholme and lye landlockt for all windes. From thence you may runne | flandeth a Warder foorth through within the rocks and come out agains into the Thwart of the west end of the Iland Maerdow lieth a funcfea, by the old Hill-found, or you may runne out also at the ken rock under water, where of you must take heed, when you Eastergatte of Wolf-found, there standeth a greate Warder on faile in thus to the eastwards of the Miewholmes. When you the west fide of the gaten, upon a round high rock, there you are come within the foresaid west point or the Iland Macrmay faile out or in by it where you will.

betwixt the Ilands, that you can not fee the Sea.

lieth a rock with a Warder.

To the eaftwards of Hamer-found, men doe goe into Kerck- get the haven, but drive out of it against his will. ders, twhart of them it is verie fteepe, but to wards the little must run in close by the lland. It is not deeper there in the church it is flowlder, to wete, about thirtie fathome: the outrockes there abouts are all redde of colour.

maftes, when they come one in the other, then you are thwart | Iland there is the shouldest water, but with a northwest or of the Koenagell. The two forefaid little maftes, stand upon a northnorthweft winde, it is not fo good to come from thence graye Holme, leave that on the starboard fide, and go fo still as out of the haven, but with an easterly winde it is better to set

The Haven of Maerdow.

ealtwardes off, it. For to faile into the westergatte, you must Wolffound is a narrow haven for to fail into, there frand leave the Mewholmes (that are a fow rocks and Hands to the two mafte upon the westland, where you must goe in close by, westwardes of the Iland of Maerdowe)on the larboard side, and

dow, you may runne up to wards the northeaft behind it, and To the eastwards off Wolf-found lieth olde Hill-found but ancker in 12 or 13 fathom, or faile up towardes the northbetwixt them both, at the point off the west fide off old Hill- northwest into the Sound, and anckor there on the west fide in found lieth the Hand of Blind-found, to the eaftwards off it lye 16,14, or 12, fathom, according as you faile farre in. In the

manie greate rockes, with two or three Warders upon them. | going into the found, or haven, it is 34 fathom deep. For to faile into the old Hilfound, you multrunne along to the eaftwards of Blind-found with the rocks that lye by it, in wester-gat of Maerdow to the westerwards of Miewholmes, dow, by the weft laud, leaving them on the larboardfide, & the fore-thus: To the weftwards of the fouthermost Niewholme, not through faide greate rockes or Holmes with the Warders altogether farre from it, lye two little rockes, even above water, and a little waten the on the starboard fide, there are divers faire founds, where men further of from in two other rockes which are found a great mes. may faile into and auckor in, without taking hurt. You may ter, you must runne in amidst the channell through betwisedge up to the westwards about the point, and faile through them, leaving the two smallest lying on the starboard side, and the two greatest on the larboard side, that channell lieth To the eaftwards of old Hilfound lieth Hamer-found lying through most north and north and by east. Being come to the in northnortheast. On the west side of the havens mouth lieth end of the Miewholmes, you may faile up either towards the a funcken rock which you must avoyd, and faile close alongst northeast behinde the Hand Maerdow, or westwards into the by the Ilaud, which lieth on the eaft fide of the havens mouth, haven, as is beforefaid. There goeth fomtimes a good tyde and anckor behinde the lland right against the Warders, in out of this haven, & the westerly windes doe blow commonly thirtie fathom. The eafter gatte lieth to the eaftwards off that out of this channell betwixt the high lands therefore he that Iland, in and out northwest, and foutheast; upon the west fide will come in here with a westerly winde, must be very carefull. and keep up his top failes, or els he showld lightly not be able to

found, and then a halfe league more to the eaftwards lieth the The eaftergat lieth in well four hwelt there lieth a funcken The eafter haven of Hefnes. Upon the lland of Hefnesse fta d two War-rock on the starboard fide, when you faile in , therefore you gat of Maerdow. you shall finde it deeper, you may anckor there under the Hand On the west fide of the havens mouth lieth a funcken rock in twelve or thirteene fathom, or you may run up to the westunder water, called the Koenagle, upon the land fland two litle wards into the Sound, as is before faid. To anckor under the inwardes, there it is high land, and the Drommels lye' from fail from thence and to get into fea. When the Drommels are thence northnorthwest within the land, there you may faile northwest and northwest and by north from you, then you are through within the rocks, untill you come into Maerdow. right thwart of Maerdow. If you run in fo out of the fea, right Marcks of The Hand Maerdow (tandeth(upon the top of it) ful of trees, with the Drommels, you shall fall right with Maerdow, that is Maerdow.

a certain marck to know whether you be thwart of Maerdow, or tho the caltwards or the westwards of it, but when you are close before the land, or before the Havens mouth, you can not fee the Drommels, because they are then hidden of the cliffeland.

About halfe league to the eaftwards of Maerdow standeth a little white Church upon the fea fide, to the eaftwards of it goeth in the Trom-found, being a faire found Sound. Without in the comming in , frand on the eaft or north-fide two Warders upon a high hill, you must faile in by them, and thwart of them you may alfo anckor, and from thence you may faile in furter behind the land Trom, and the land of Maerdow, untill you come into the Sound of Maerdow.

About a league to the eaftwards of Trom-found lieth the haven of Oxe-Oxefort ford, which is a great broad, and large Sound, lying in first without betwixt the rocks, north. Without in the comming in to the vveftvvards of the havens mouth, lieth a long rock, which you must leave on the larboard side, and

A league to the eaftwards of Oxeford lieth Longen before Longen. rock which you must avoid, when that you come then with it lieth a litle round Hand or rock on the east fide of the haven, in the west point, you must faile in northwest and by north, upon which standeth a mast with a barrell upon a Warder. and anckor on the north fide of the haven, thereit is vvide and | For to faile in there, you must run in close by that land where

Warder of Maerdow

fomewhat past that long rock lieth a funcken rock which | broad, with may bights, where you may anchor every where you must leave on the starboard side and run in still north unto in 20 and 25 fathom. the west point of the land, thwart vyhere off lieth a funcken

funcken rock under water, there you must edge somewhat off east in betwixt the Yland and the land. from the shoare. Being within there, you may run to the east-

When you are before Oxeford and Longen then the Drommels lye about westnorthwest from you.

Markes of within the Longholms which remain on the larboard fide, and | land lye two out-rocks alongft the flore , called Fockstones, Oxfoort then right into Bight. This is a faire haven men come into it the one lyeth a little more to the feawards then the other. & Longen then right into Bight. I his is a land hatch at least a banck at Sea, which at some places is not deeper then 3, or 4, fathom, and Weftkiel. lyeth alongst to the eastwards untill thwart of Weftkiell.

anckor in 20 or 25 fathom.

lying northwards from you, that land is altogether very good the northwards. to be knowne, he that feeth it once, and taken regard of it, shall

course is northnorthaest a great league. Betwist them both lye runneth off a little riffe northwest into sea, towards the Veettwo havens Eastkiel and Abbefoord, men fail in there to the stone. eaftwards of the out rocks of lofferland. From these foresayd The Vectstone is a great rock, lying about two leagues with-vessions land, into Eastkiell, or Abbefoort.

northeaft, and then you come to a place where the found is fo- you can not take hurt of the rocks of Rut. mewhat broader, there lyeth a funcken rock, which you mult leave on the flarboard fide, and edge to the north shoare. which lyeth through most northeast, and is at some places so lyeth another Iland before the sound of Stavanger, called Sinarrow that the yard armes doe almost touch the rockes Being brichstone. through that narrow place, you must goe northeast and by east, | If you will sayle into Stavanger comming from the south-

havens, New and old Silloe, or Sillen; fome doe call their one then goe in northeaft towards the point of Tongenes, which is Tongene haven (like as also men may doe) and biftinguish it with an ea- a long point and low land on the fourth fide of the found. through within the rockes from the one into the other, but not through within the rockes from the one into the other, but not through within the rockes from the one into the other, but not consist in the rockes from the one into the other, but not the rockes from the one into the other, but not the rockes from the one into the other, but not the rockes from the other but not the rockes from the other but not the rockes from the other but not the rockes from the other but not the rockes from the other but not the rockes from the other but not the rockes from the other but not the rockes from the other but not the rockes from the other but not the rockes from the other but not the rockes from the other but not the rockes from the other but not the rockes from the other but not the rockes from the other but not the rockes from the other but not the rockes from the other but not the rockes from the other but not the rockes from the other but not the rockes from the other but not the rockes from the other but not the rockes from the other but not the rockes from the other but not the rockes from the other but not the rockes from the other but not the rockes from the other but not the rockes from the other but not the rockes from the other but not the rockes from the rockes from the rockes from the rockes from the rockes from the rockes from the rockes from the rockes from the rockes from the rockes from the rockes from the rockes from the rockes from the rockes from the rockes from the rockes from the rockes from the rockes from the rockes from the rockes from the rockes from the rockes from the rockes from the rockes from the rockes from the rockes from the rockes from the rockes from the rockes from the rockes from the rockes from the rockes from the rockes from the rockes from the rockes from the rockes from the rockes from the rockes from the rockes from the rockes from the rockes from the rockes from the rockes from the rockes from the rockes from the rockes from the rockes from the rockes from the rockes from with great ships.

to westwards of the point of the Naze, right before the mid through betwixt the rock and the point, about east or eastthe northwards of it & edge then up to the weltwards behinde foutheast before the towne, and anckor there where you the Yland of New Silloe, and anckor there against the white please. Church within the forefayd rock.

The land and faile right with the fouth end of the land of Leeft; being stone, and the point of Tongenes, and doe further is hath been of Leeft. come by it: run to the eaftwards alongft by it, but take heed of before thought. fome rocks , which lye of from the innermost Yland on the ftarboard fide, being there within anckor against the Yland,

where you pleafe.

From the Naze to the Yland Hittereo, or Hitteren, the coast Four elegues west and west and by north to sea wards from lyeth alongst the land of Leest westmorthwest 5 leagues. To Schuytenes lye the rocks called the Outsers.

the Warder with the barrel flandeth upon, close alongst by the 1 the southwards or the westwards of that Yland men doe sayle Warder, but there flandeth a hand on the flarboard fide of the into the haven of windfoord, which lyeth in northeaft, but to Windford. havens mouth, which pointeth that there lyeth thwart of it a the northwards of it men doe run into Berg-found, caltnorth-

In that Iland is also a good haven, which you must faile into Bergwards againe into fea, and come out in the Sound off Sand- from the northwards, the havens mouth is not very wide when found. you are come in within it, you may edge up to the eastwards or fouthwards, and anckor.

Two leagues to the northwardes of Hitteroe lyeth a haven A great league to the ealtwards of Longen lieth Sandfort. called Soggendall; therelyeth a litle Yland before it, within defined the sandfort. For to faile in there you must leave all the litle Rock on the men may anckor, it is a good road for them which are bound flarboard fide, and run fo alongft by the land untill you come to the fouthwards. Betwixt them both, not farre without the

A league to the northwards of Soggen-dall lieth Ekefound, Ekefound. before it lieth an lland, which you may faile into on both fides of it, the fouthergat lieth in northeast; being come in there A league to the eaftwards of Sandyoort lieth the haven off you must anckor on the north side of the haven in a bay, there loserland. Weltkiell, a little to the caltwards of it lieth Jufferland. For is the best road in 8 or nine fathom, the norther gat lieth in to faile into Wefikiel, you must leave all the great roks (which to the eastwards, being come in there, you may anckor at divers lye of from lufferland on the starboard side, ) and all the sore places. A league to the northwards of Ekefound lieth a haven faid little rocks of Sandvoort, and also a white holms whereupon a mast standeth on the larboard side, & run in first northweft and afterwards northnorthweft and at laft north , untill bay untill you come close by the shore, and then the haven you come about the weltpoynt, and then you must edge up doth open it felle, loof up clofe along they the north shore, then northweft to the northfide of the Ylands which ly within the run up by it to the fourthwards, and avoyd the weft point, haven, there is a Voffe, or an Overfall of water, there you may thwart of it lieth a funcken rock twelve foot under water; being there within, let you, anckor fall in 7 or 8 fathom, and When you come before Westkiel, you may see within the bring a cable on the west shore, then you shall lye land-lockt land three high hills , and also the high land of Longfound, for all windes, This a good haven for those which are bound to

To the northwards of Sierowach lieth the land the Jedder, know it very wel another time, when he commeth there- which lieth from Sierowach first northwest and by north two great leagues to point Walbert, or Mids-jedder, and the north The Baers. From the northermost rocks of Infer-land unto the Baers, | + leagues, which is altogether a clean whole coast, without any that is the fouthermost or westermost point of Longsound, the dangers or havens, except at the very north end, from which

northermost out-rocke of Iosterland unto Eastkiell, it is northwest about a league, but to Abbesoort northworthwest and gue, betwixt them both, a great league to the southwards off north and by well also a league. Men may (comming from the fouthwards, or from Wethield) fajle through within jofter- as you faile from Mids-jedder on northnorthwest towards the Veetstone, then the Vectstone doth shew him selfe very round, For to fayle through within jofferland from westkiel, the like a hay-cock, and failing so, you might lightly fall with the Soundlyeth through the channell first northeast and northeast loresaid rocks of Rut, but being a litle more to seawards, the and by north, and then eaftnortheaft, and afterwards againe Veetflone floweth it felf a little longer on the weft fide, then

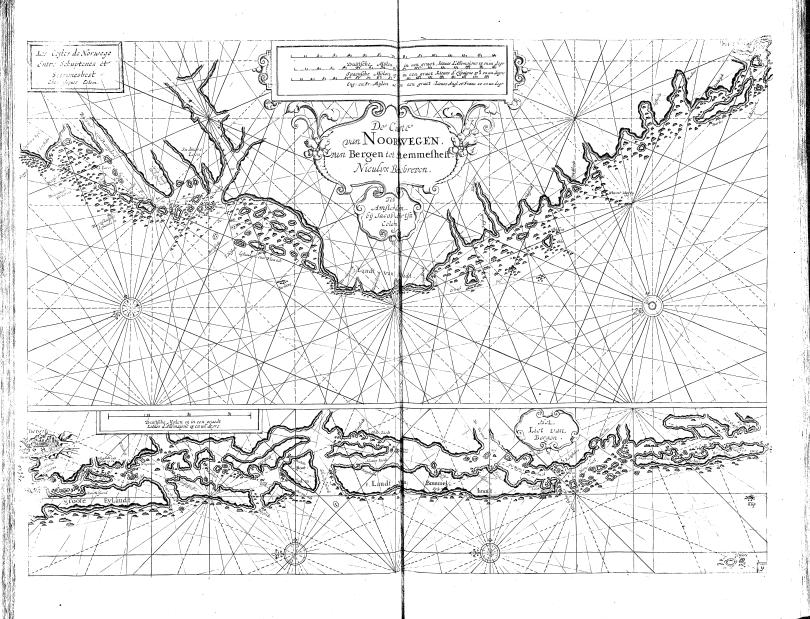
About two leagues northnorthwest from the Veetstone whiningslyeth and Yland , whereupon flandeth a Church called Whi-eye. leave on the harroard inde, and eage to the morth dame of things eye, but northnortheast from the Veetstone 4 leagues, since Being past that, you shall come againe in a very narrow found things eye, but northnortheast from the Veetstone 4 leagues, since

and eaftnortheaft, untill you come thwart of the Longfound, wards, then fayle through betwixt the Vectitone & the maine then you may fayle in there northworthwest, or fayle into the land, leaving also the foresaid rocks of Rut, lying on the star-Road be- fea as you will: Behinde jofferland you may alfo anckorin 15 hade for 2 of athom, feating the forefail of 2 of athom, feating the feating the forefail of 2 of athom. A little to the westwards of the poynt of the Naze lye two in so untill that the Veetstone doe lye southwest from you,

found, which doth flew it felf in two parts, leave that on the For to fayle into the caster-gat, or new Siloe you must take larboard fide, and sayle in by the point of Tongenes, but theheede of the Bilhops Boeden, which are a few out-rocks a little re lieth a rock off to the northwards from the poynt: fayle deft of the found, leave them on the larboard fide, and fayle in foutheaft into Doeswycke; when you are within the castle alongft by the land of the Naze untill you come somewhat of Doeswycke, there you may anckor. But if you will sayle Doeswyk within the foresayd Bishops Boeden, and then you shall finde in further before the thown of Stavanger, then leave the Dief-Stavanger there also a funcken rock, which you must avoyd, run about to holm on the starboard side, and sayle in southeast, and south

But when as you come from the northwards, and will fay-schuyee Old Silloe. For to fayle into the wefter gat, or old Silloe, you must run le to Stavanger, then run through betwixt the Veetstone and account of the silloe. about to the weltwards of the out-rocks, and Bilhops-Boeden, the Whitings eye, & then goe on northeast towardes Sibrich-

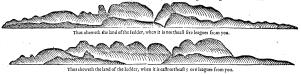
> From the Veetstone to Schuytenes , the course is northnorthwest five leagues: but from Schuytenes to Sibrichstone through betwixt Withings-eye, the course is east 5 leagues.



| The North coasts between                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | therfound and Schwytenes. 703                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| On their Coultes of Norways of from the Naze, until pail Bergen unto State, the wave risks and failth, the alterpois to certain register is not from the Naze, until pail Bergen unto State, the wave risks and failth, the alterpois to certain register is a from the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze of the naze o | From Inferfund to Microfous (Individual Section 1) of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company |
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| Calfe cow.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Calfe cow.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Cane tow.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Care cow.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Thus sheweth the Cow and Calfe, beingh foure or five leagues north and by east from you.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Thus sheweth the Cow and Calfe. when you come from the weltwards, and are thwart of them.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Thus sheweth the Naze, being four or five league well from you,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Thus showeth the land to the callwards of Longfound, when you are about five lengues of from the land, and faile from the wellwards along thy it.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| THE MAKE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | The land of Spranger.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

Thus sheweth it felfe the land of Norway, betwise the Naze and Fleckory, when you are about five leagues of from it.

Fleckory The Boat Wolffound Hamerfound. The land betwire Fleckory and Maerdow , or the Drotamels, sheweth thus , when you come from the wethwards , and fayle alongft by it to the northwards of the Drotamels Eaft Drommels Th



# The feventh Demonstration,

In which the Liet of Bergen , and the north coasts of Stemmes, Hest are deliniated.



The creat depth of the fourth and love logates to the fore the commonly the flips that the Liet of Bergen. Schuyteneffer about a further large long, at the fourth end of Schuyteneffer about a few and the properties of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the seco

Bochaven, Liet is also a Bay, called Bockhaven, where men come to the north point of that haven: He that will go in there, must

winds can not get to the great wardes. A little more foutherly then the Coperwyke, on the caft fide re landlockt for all winds. of the Liet to the nortwardes of the Bock, lyeth in north into At the end of the Bommell lyeth Munfterhaven in the land Munfterhaven. otherwise, but that it was the right channell, and of finded get thritten, there flashed he little white church thwart of it lightly go up a contrary way. Therefore it is necessary and men must ancker inten or twelve fathorm. ngmy go upacontany way. A nector is a becomey and membrana and meter is nectified to fall close along by Schwytenes, and not goe off from Munther-have no Beal-haven it is north an English Beals have from the well thore, antill you come the west of Copperwise, mile, there is also good anckoring for fourtherly windes, further way. then you shall be within the point of the foresaid Sound.

thwart of it in the Bay is also good anckoring for northerly run in and out at both sides of it, if they will. at the north end of Schuyteneffe, is alfo a road, called Sich-old Liet goeth through to the eaftwards of Bremerholme and ftreame, where is also good lying.

At the north end of Schuytenesse lieth a little Hand when alongst to the westerwards of it.

them into sea. At this lland is also a good road under a rocke, there very well acquainted, also great thips that drawtwelve or Wibrants- or Iland, called Wybrants-eye, there it is good Anckoring for thirteen foot, may not goe through three.

close alongst by the Iland for to avoid the foresaide rock, mer holm, where men also may anckor.

about two leagues, betwixt them both it is on the Weft fide a rock, where of you must take heed. For to avoyd it, you must broken land, great and little Ilands and rockes. About halfe marke the Iland before Folger road, If you keep it fo that you use lane much manuous, annu serrane, usono, anu more, sonoucome observe materiale notes our you oring that He that will nume out there (comming from the northwards) [land behind the foreign dipoint, for tary our annot fee it, you may eathly effyeir, when he is a halfe league paft the Blockx. [fiall without faile faile right uponit, you must observe these may easily expect, when he is a natic reague part the discount of the middle of the New H fidely extra little landes or great rocks, which marks as well in failing on an infailing off.

In the middlet of the New Liet lieth Ruige-holme, there Ruighe on the larboard fide, and run out by them fouthfouthweft into men lye with flippes fail unto two Rings: the one is upon the holms.

He that will runne in here out of the fea, he shall (when he where they bring out Cables to. The that will find to the real including the main (when he where they tring out causes to.)

comment to the end of Schuytenello's feet any little llands or from the New Liet to the point of Rootholme, it is north- Redholm, rocks, he mult faile patial thefe, untill that he get fight of northeaft a halfe league, betwire them both goeth out the Soltrocks.

water, which you must have been believed the call flower, through between the Blocks and Longholm. Longholm lyeth a little above the Blocks and Longholm. Longholm lyeth a little above the lyeth a funcken rock which you must avoyd.

Bommell welffouthwell into the fea called Bommel found. This chan-found. nell is good for to know, comming in out of the Sea. The land under water. nen is good for to know, comming from a true sea. In a rain a mount water.

of Bommel-head is about 4 leagues long, and the fird long Illand to the northwards of Schuyetenelle, it is altogether low plaine land except on the fourth end, which is fo fleep a point. as it if were hewen right off with and Axe. About the midden From the point of Redholme to the Narrow it is north, between both ends of this lland (on the Sea fide) lyeth a very and through the Narrow northnorthweft and north & by weft high round hill, called Sick, of fashion almost licke a sugerloase at least a halfe league. In this strait it is so narrow, that you or a mans hat, and lyeth farre above all that low land, which can but even turne throught it on the weft fide of the first

ther, where by it is very good to be knowne. and bring that fleep point of Bommell-head eafhorthealt, well and by north wool eagues: this is a little land without or fomewhat more northerly from you, and faile then towards trees, cleane round about, which you may fayle about on both it. And then you shall leave a great many little Ilands and rocks fides. on the starboard fide, and the forefaide point on the larboard fide, and close in about by it to the northwardes.

A little to the northwardes of Bock, on the call fide of the the mouth of it, and also a funcken rocke betwirt that rock and go into the fouthwards of the rock, in betwist the fouth point Which comming from the fourthwardes, by reason of contrary of him. Softone as menare within the haven, they mult let fall their anckor, within it is broade and wide, and men lye the-

the land, a Sound, which sheweth it self (when you come from of Bommell-head, on the west fide of the Liet, even-about haven, the fouthwardes) much broader then the right fare way, so that the point. This is also a good haven for them which are bound those that are not there very well acquainted, should not think to the fouthwardes, and by reason off contrary windes can not

it is north, fomewhat cafterly to Volger-road, before it lieth a Volger-About a great halfe league by north the great W arder, light Norou, there finded that light experience of the control of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of t

winds, and good road for them which are bound to the northwinds, and good root for first mount are count to the north-wardes. Likewife it is good anckering by north the point of formewhat eafterly about two leagues, there the Liet is devided Disthalm, Notou, for them which are bound to the fourthwards. Allmost into two parts, to were, into the Old and the New Liet: The the lland that lieth to the northwards of it, but the new land

you faile up or downe the Liet, you can fee through betwire | The Olde Liet is not wel to be need by them, which are not Old Lie.

Somewhat more then thwart of the middest of Bremer-Betwixt that forefaid Hand and the maine land, you must holme, in the narrow of the Old Liet, lieth a showld wherefaile through a norrow firait, which is but a little more them a upon is no more then thirteene or fourteene foot water. A little fhippes lengt broad; on the east fide where of, which is on the to the northwardes of it on the east shoare liet a bay called Inimpressinge oronogen the care not where or, which is on the local metal and the care monetare a bay caned in-fide of the maine land, there lieth a little rock, or funcken gefound, where is good anckoring: there lieth allo a bay on rock, therefore you must faile close by the west fide that is the west fide, halfe wayes betwirt that foresaid showld and Bre-

The Bon-From Wybrants-eye over the Bonnet to the Blocks, the mid.

courfe is northmorthwelt, but first formewhat more wefterly men to the west fide, liet a function of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the statement of the stat wayes betwire them both goeth a channel into fea, where men may fee it without the north-point of Folger-roade, then you wayes betwies their over goetha channel into rea, where their may be the month of the interpolate or congestionally out doe faile much in and out; and it is cleane, broad, and wide, can not come to neare that funcken rock; but if you bring that

Iland, and the other upon the point to the northwards of it,

those forefayd two great rocks, and then in by them leaving mersioerd westfouthwest into sea, which is a faire broad and those oreany two great twos, and two indy teem newing instruction we thought the most her harboard file, and do he full come form, which is a first order of the flocks or Longbolme into the Liet, the flocks are two cokes, lying very neare even with the blocks are two cokes, lying very neare even with the standard file, in failing up that the standard file, in failing up that the standard file, in failing up the standard file, in failing up the standard file, in failing up the standard file, in failing up the standard file, in failing up the standard file, in failing up the standard file, in failing up the standard file, in failing up the standard file, in failing up the standard file, in failing up the standard file file.

Blockx, within it is a good Haven, where is good lying A little fide of Soltmerfloerd towards Sick, are fmall white rockes, to the northwards of it lye two rockes more, thwart of them which you must leave on the starboard side, and runne in so amid the channell eastnortheast, and then you can take no hurt From the Blocx alongft over the Bommel it is yet 2 leagues, of those foresaid suncken rockes, lying on the south side of this first north, and then northnortheast, all alongst by the land of channell. There lyeth also a suncken rocke at sea before this miniori, and uncommunications, at adoption by uncound of comment, are reject and a interest rock as it a percent in Bommelhead, the four head of this and is a high freep point. Sound on the fourth field a little off from the north point of the called Bommelhead, to the fourthwards of it rounch a channel land of Bommelhead, with hard winds out of the fea, the fea

you may eafily fee at both the ends of this Iland, and also fur-lieth a little lland, thwart of it is good anckor-ground in 13 and 14 fathom.

For to faile into this forefaid channell out of the Sea, you From the fraite to the Reine Knape, the course is north-

Thwart of Reine Knaep on the eaft shoarelyeth Deepe- Reine found a good haven for them which are bound to the fouth-A little about this point of Bommel-head, on the Innerfide, ward, the mouth of it is narrow, and also but three fathome lietha Haven, called Bommelhaven, there lieth a rock before deepe, but within it is broad and large, and twenty fathome

deepe. Along to the westwards of the Remknaep, it is broa-bring with the boat a cable fast on it, men may wend round deft, to the eastwards lyeth a point, and by it a little lland you about the forested rock without any danger. which you mult leave lying on the starboard fide, there you or 13 fathom. may at divers places faile through and within their Blands and rocks, and had licen one out agained Pagholms into the List, is about 1 closure song when you come from the northwards, but it is not to be done but for them that are there extraordis, you may run about it on both lides, and to come into the Wage nay well acquainted. Men might lightly get in amonght their of Bergen. The Harlefford goeth out about north and by W. Hauds and rockes, for that their floudd not know how to come and N.N.W. betwitt Affund and the land of Harle. out againe. At the east fide of Bag-holm men may ankor, but | From Ieltefloerd, or the Wage of Bergen, to Olde, the coast there (hooteth off a little ledge of rocks from the north end, lieth N.N. W. and north and by West about 16 leagues, that whe reof they must take good heed.

ters of a league, this is an indifferent have for foutherly winds, de, all along ft through that broken land and rocks, and within but it is litle, there can lye no more then 2 or 3 shippes.

found, or Cruy (voert W.S. W. and fouthwest and by west into Source of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control North sometels are also called by some the north Drommels , when they are them both alongst into the Haven. on the alt, or the rabouts from you, then you are open before the Croffle found. Before the mouth of it lieth a little lland from the other rocks by the land, but hath fome fmall rocks wards the broadeft and largeft channell is alongft to the north from it Southwest into the Sca.

wards of it you may we lasto fail through to the eastwards of it you may we lasto fail through to the eastwards of it. the Hand betwixt it and the land, but there it is narrow, yet rowes of rocks, whereof somelyeabove and some under wa-

to the Southwards of Bock up Ra. both fides, alongft to the westwards of it is the common fare- runne in about the eastwards within Old, northeast to Oldeway, and also deepest. When as you faile a bont to the castwards found, and come out againe to the northwardes of Olde. Foufloare then Bock) lieth a funcken rock, there flandeth alwayes felfe with two flarh Hommocks, almost like a Cowes clawe, a pole upon it, for to avoid it, you must leave it on the starbo- or Bishops Myter. ardfide, and run alongst to the weltwards of it. Betwixt this Betwixt Kyn and Olde goeth a great Sound into the land,

anckor in Bock liet. To the westwards of this Hand goeth rocks under Water. Southwest and by west about 3 leasues of anckor in Beci. Bert. To the weitwarfen of this linding joint focus index in water ordered and weitwarf of the through the Cockbeick which man doe faile through p with har from it, lyealfo four notes above, from under Water, are which, or when they must turn through, because it is broad of the not not little find of Botk with Rs.

Three or 4 longers to the northwarfs of Kyn, litch Ornal, Ornal and or the not not little find of Botk with Rs.

der then on either fide of Bock up Ra.

there lie no dangers, except at the wellfhore lieth a funken rok about N, and S. 7 or 8 leagues afunder. Finds Ale and then you come thwart of litle Alefoord, which is a haven point of Stade is a bay, where men may goe to anker, thwart staden.

Residence landlokt, From thence to the Reeftone it is north about two east, and S. S. W. which is a whole main coast but full close there are leagues, betwirt them both on the wefthore lieth great Ale- alongft by the flore, with many fmall rocks, but none that floord, which is also a haven both for northerly and southerly linen may faile about with in them for to have any shelter for winds, thus to fit the fareway is about 2 musket shot broad, the Sea. The Norway Barkes off all places to the northwards The Rectione is a rocke under water, I sing by the point, where of it, yea and all those which come off from the North Cape, Horeas the two high hills flanderh, which men doe cal the Lethoons, can faile all along the coast of Norway unto Bergen, through

the two high must nameter, which men may fee faire of, as the faire two high hasp hilles, which men may fee faire of, as they faile up or of that. Liet. Upon the Reeflone flanderhall-they faile up or of that Liet. Upon the Reeflone flanderhall-they must read they faile up or of that Liet. Upon the Reeflone flanderhall-they must read the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the stat alongly to the eaftwards of it, but to the westwardes of it is where men may ride, but a little or nothing used. broadeft, and the right fareway, over against it on the wessished. To the northwards of Stade the land lieth with many Ilands Swysoe

east about a quarter of a league, and then you leave the Hand league from land without the other Hands of Flowach, When Afland Jying on the larboardfide to the northwards of you, it you are close by the north point of Stade, and go on northeast lycalfo two havens where you may also goe to ankor, the one you run through within that litle Iland Swynoe, but within N. called Struyshaven, and the other Schoonhaven. To the westhaven, caued Struysnaven, and the other School and run out the

reabout northwest into the Sea.

with the current to the northwards along by Affand then they like a Hay kock, or allmost like a Sugerloafe, it is called

may faile through betwixt the point and the little Hand. From | From Werckeneffe to Borneffe, it is eaft a little diftance: Horneffe the Raineknaen to Bagholme, the courfe is north and by east when you come by it, you may see the towne of Bergen lye

a great league: Betwixt them both by fome Hands and rocks, al before you, you must anckor before it in the Wage, in 11, 12 may at divers places faile through and within these llands and To the northwards of Asland lieth the Iland Harle, which

is al broken land, with many rocks, where men may faile From Bag-holme to Crab-kerke it is north about 3 quar-through within them. The Norway Barkes come offrom Stathe Hand Harle unto Bergen.

From C rabbekerket o Bock up Ra, it is north, Jomewhat eafterly aleague, betwist them both runneth out the Croffel lieth a great row of rocks, lying 3 or 4 leagues without the

nearest the fonthfide, from which lye of some rockes to Sea- lying about it, there lieth also a row rocks, a good waves of

cleane and cleare without any dangers. When you are within ter, When as you are either to the northwards or to the fouthit you must goe in along it eastnortheast and northeast and by wardes of Old, it doth show it selfe with a great saddle, in 2 eaff, and to thall come into the Liet against Cruylenes, a litle hommockes, and going downeround on both fides, but being thyvart off, or Westwards from it, them it lieth in one round Bock up Ra is a little lland which you may faile about on hil, almost like Coll. You may (comming from the fourthwards) of it, and come to the north end of Bock, there it is very nar- re leagues to the northwardes of Olde-found lieth Kyn, also Kyns row, and there right in the fareway (formwhat nearer the east agreat rocke, which men may faile roundabout, & sheweth it

ardfide, and run alongft to the weltwards of it. Betwixt fins
Rock and Bock, it is no deeper then 16 foot. Right to the welt upon which lye 2 towns, Waldres and Eafterdal. Northwest Easterdal. wards thwart of Bok liethan other Hand, under it you may also and by west from Kynlye 3 or 4 rocks, and also some funcken

From Book to the Watting tream it is north a league, there hill. Three leagues, or 3 leagues and a half to the northwards ion can not faile amiffe. If jou doe not faile against the land, for of it, lieth the fouth point of Stade. But Ornaell and Olde lye

close by the land, whereupon remaineth at low water about 10 Betwixt Ornael and the S. point of Stade goeth in a great Stade core by the full, where open transfer as the way for the four the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the stat on the wellshore, where is good anckoringh both for a north of a Seabeakon, and lye sheltred for a Welt Winde. The land and fouth wind, under a high round Iland, where you shall Iye of Stade lieth from the fouth point to the north point N. N.

bosowske relieth Knorwyck, a haven where men may alfo anckor, N. E. to the broadfound 8 leagues. About halfe wayes lieth a beskess From the Reethone to Werckeneffe, the course is castnorth little Hand or rock, called Swynoe (that is Hogges-Hand) a

He that is bound to Roemsdall, or into the Sound off Sud- Broadmer, must runne into the Broad-found, which goeth in at the found. When you come out of the Sea into Ieltefloerd, then you ends off the Hands of Flowach east and east by fouth, the oucome into the Weltwards of Afland against the Reestone into termost of these Ilands is called Hasseu. When you come to the end off those foresaid Hands, you shall see east from you At the fouth point of Asland lieth Ielteschaer, a little round about two leagues, a great high short Hand, called Goeden, Goeden Handor rock, whereupon flandeth a great fron ring when as for fome Godfehe-fand, and a little to the South-wards of men com up the Liet & with calmes are in danger to be drived it, formewhat further in a great black Rocke, of fashion

by the

by the faylers the Cookes-broad: faile in rigt with it, but bring a great multitude off outrocks, great and small, called the not that foresaid rock to or under that Hand, but keep it clear Roemidales shares. nor that to retain rote to duck to the design of the forbid of without it; for els youthould furely faile upon the torolaid funcken rockes, which lye under water at the north fide of the other rocks and lite Hands) the Hand Lever, which men may Lever.

little riffe, to the fouthwards, or towards the foutheaft from it. Boe or Berefound, and will runne through the forefaid Ilands, a funcken rock, which lyeth fomewhat further in , not farre there well acquainted. from land, there stand to litle warders upon the shoare, a litle within the riffe, for knowledge off the roade.

Geske Geske: upon it fraudetha litle church on the fouth fide, before in a bay on the northfide behinde Boe, by fome houses, where it men may alfoankor in 8 or 10 fathom cleane ground.

A litle within Goeden, on the east fide of Geske lieth anogood cleane ground, and Iye land lockt for all windes.

farre within them.

He that comming from the northwards may faile by West alongft by these rocks to Goden, & leave the aforesaid sunken rocks (lying on the northfide of the Broadefound) on the starboardfide of him, and runne in about by the point of Goeden, as hath been beforefaid.

You may also run into the northwards of Goeden, to wit in betwixt Goeden and Geske, and ankor within Geske, or under Walderoe, but it is not well to be done, but for to them which are there verie well acquainted,

There lye manie rocks, fome above, and fome under water,

There lye manie nocks, fome above, and forme under water, where of men until take heede. In at the Broadfounde is the best and fureth.

For to runne from Waldernee to Roemfulde, goe on to the northwests, alongst by the great llands Luycke, it is in that remarked, alongst by the great llands Luycke, it is in that remarked, alongst by the great llands Luycke, it is in that remarked, alongst by the great llands Luycke, it is in that remarked, alongst by the great llands from the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state

Hands, the first called Luco, which is a high Hand, like as also east called Luycksound.

the lecond, betweet the two goeth in a crainent about fourth.

It called Luyck-found and return, or the production of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the cont a both endes fomewhat lowe. The fourth and fmallest called Lemfoe or the lowe Hand

fheweth it felfe in two or three low hommocks.

found.

In the distribution of the line of the case, because thereby but one hommore upon it (not verie greate) and of affinion as the roof or cabben of a stoye, or the work end highest, within the cast; point of that Iland is a good roade in a bight, where men lye laddlock for all winds. landlockt for all winds.

To the northwards or eaftwards of Flemfeu or the Roofe Hand, goeth in a channell called Nogwe Fioert, lying in east and by fouth at which men may runne into Roemfdale. Without these foresaid Iland of from LucountoBoede lieth The Stoppels and Boede in

faile about on both fides, either wether they be bound out-From the Hand Goeden or Godiche fand runneth of alfo a wards from Roemfdale to Berefound or Boe, or inwards from Berefou

When you come by that Ilandrunne about by that little riffe, Berefound is a haven within fome rockes even to the fourthin betwixt it and forefaid black rock, and anckora litle within warde to wellwards of the point Boe, there it is good lying, but that riffe, under Goeden runne not farre within it, for to avoid not good to come into without a Pilot, or fome one that is

Boede is an outpoint, with a neck or fmall point of land, faft to the maine land, along to the fouthwards of it men may run Behinde, or to the northwards of Goden lieth the litle Hand in and up, to the fourthwards to Berefound, or els goe to ankor they may lye sheltred for a westwinde.

FromBoe to Stemmelhed, the coast lieth about northeast a ther Iland, greather then Geske, called Walderoe, on both leagues, betwixt them both about half wayes, lye many finall fides off the foutheast point off that Iland men may anckor in lowe black outrocks, as if they were fowne along it the shoare, called the Stoppels, betwist them and the maine land you can Stoppels good create grown, and you can From the war of Geske and Walderoelyeth a great multitu-de of rocks northwelf fo farre into fea, that comming a fea The Norwaye Barckes runne along the within them, and alfo board alongst by Swynoe with a northeast course, you should ankor there within, under a Rock, which is four what greater then the rest, and lyeth about the midst of the Stoppels (or

fomewhat nearer the main land) called the Eartholm. All the Ilands betwixt Broad found or Flowach and Boe. belong under Roemfdale.

#### How thefe lands doe ly one from the other, and from other lands.

rom Schuyteries the Bommels-head n.n.w. fornewhat northerly 7 leagues From Schuyeners the Rommers-nead n.n.w. tomeware normerly 7 | Pragnes From Bommed-head to Cruyloot northnorthwed 9 | Eaguer From Cruyloot to Harde northnorthwed 13 | Eaguer From Schuyeners to the Outfers with, and well and by north 4 | Eaguer From Schuyeners to the Outfers with, and well and by north 4 | Eaguer From Schuyeners to the Outfers to Felenboard, or the Wage of Eargen north and by well and by well and the Outfers to Felenboard 1 | Program 1 | Program 1 | Program 2 | Program 2 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Program 3 | Progr

that Stoneriffe, to etc, in three fathome or theresbouts, as good that Stoneriffe, to etc, in three fathome or the creation of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff of the stoneriff o

Hands, the first called Luco, which is a high Hand, like as also
the second, betwix the two goeth in a channel about fourthFrom the north point of Stade to the Hand Hessen, or the Broade-found

From Stade to the east point of Island, welfnorthwest From Stade to Greeneland northwest about

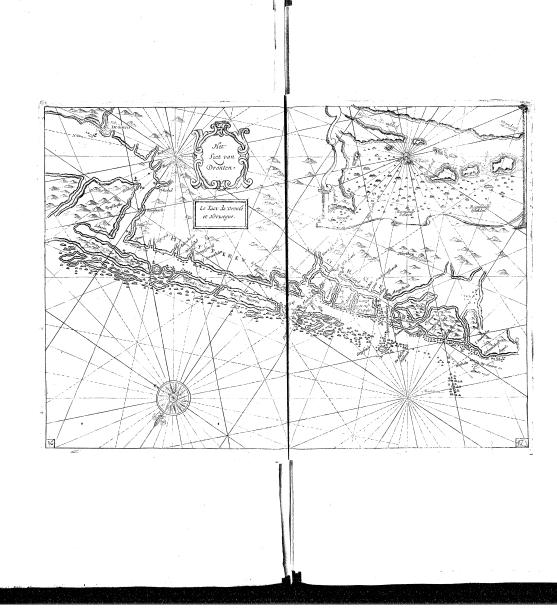
| Heights.                              |                           |
|---------------------------------------|---------------------------|
| The Outweers-rocks lye in             | 67 degrees                |
| The Iland Kyne in                     | 61 degrand to minute      |
| Stade in                              | 62 degrees                |
| Broad-founder or the Iland Goedeu, in | 62 degrees and 30 minutes |
| Luyckfound in                         | 62 degrees 40 minutes     |
| The Stoppels and Boede in             | - 63 degrees 28 minutes   |

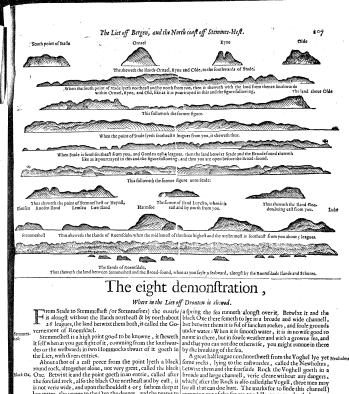
How thefe lands doe shew themfelves at Sea.

har sheweth the Block when you are to the



The land about Northfoert and Southfoert, when it lyeth eaft and by fouth from you.





low water, the nearer to the Oxe the deeper, and the nearer to comming out of the fea are two hills, verie good to be knowne, the main land the fhoulder water.

rock, which you must leave also on the larboard side.

fowed along the floare, amongst these rocks a little within or to | Dronten) unto the Iland Edou to Edoe. The eathwards of the point of Stemmethedt lieth Smeerholme, About a league within the Vogel lye two rockes, the westernan lland, where men may ride under, and lye sheltred for all most is high and somewhat round, the other is low and also winds, except with eaft & northeaft windes, which blowe there round, and lyeth to the eaftwardes from the first, towards the in open, with those windes you can not also come out there, land, you shall runne with the aforesaid course of east and east neither with fouthfoutheaft, fouth, fouthwest, and fouthfouth- and by north off from the Vogel, about ashot of a cast-peece awests winds, you can not also come in there. You must faile in longst to the fouthwardes of the two rockes. About half, wayes dcepe ) lyetha little round rock, at high water , about a fathom on the larboard fide, you may fee the fea alwayes breake upon above yvater, by which you may runne abouth on both fides. them, except in very fmoath Water.

ogel veth alfo a greater and broader, but a lower rock, called the Rocks and the Mewholmes, to wit, alongft to the north-

which lye from thence east and east and by north within the A little within the Rock, the black Oxe lyeth an other land. The westermost is a hil somewhat low & round of fashion, great Rock or Iland, pale of colour, called Whiteholme, which allmost like a flat hat, called the Clapmus. The eastermost is a Clapmust you must leave in fayling also on the larboard fide, you can not high steepe sharpe Hill, above on the one side with a cutte, like and me favle through betwixt it and the black, Oxe, because from the as a steepe, called Manghelbergh. When these are one in the gelburgh. one to the other it is all full of rocks, some above and some un- other, then they are about east and by north from you, and then you are also right open before this channell.

A little within or to the end of Whiteholm Iyeth a funcken hek, which you must leave also on the larboard fide.

For to falle in there, keepe these two forefaide hilles one in the other, and sayle in right with them call, and east and by In calm weater or fmooth water you can not well fee it, but north, or (when as you come within the Vogel) formewhat more when it doth blowe any thing hard, you may wel perceive it by eafterly, fo that you have the forefaid Hills out a head a little the breaking of the fea upon it. On the flarboard fide within on the larboard fide, untill that you come by the main land, and Whiteholm, lyeth a great multitude of rocks, as if they were then eaftnortheaftalongst by the shoare, (if you be bounde to

were winter your and specified the land. In the going in berwitt them and the Voghell, (but neareft the two rocks) lye (which is not above a cables length broad, eight or 10 fathom) two function rocks, their countries of the work of the countries of the work of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of

Northorthwell about a halfe league from the black Oxe, You may also fail through betwixt these two foresaide Vogel, which at high water lyeth a little above water, but with wards of the Rocks, untill you come into the Liet, leaving

The Liet off Dronten.

two forelaide rockes also a channell where men may sayle shall see lye about a short of a cast prece ealthortheast, or norththrough into the Liet, then you mult leave these two rockes eath, and by east one from the other. When you are come wit-

Rock, lyeth a great funcken rock, right in the middeft of the hout the Fleffes you may fet your course some water farewaye, which breakethall wayes, and at low water is unco-erly, for to get fea room betimes. In this forefaid channell vered, about which you may fail on both fides. From this funcken rock to Sweggefound, the courfe is east, and east and by the offing you may know this foresaid channell, by the foresaid north a league, but the Vogel or black Oxe and Sweggefound three Fleffes.

are diftant about three leagues. a little lland of an English mile long on the east fide of it, when lland, towardes the foutheast, not farre from Bremsnes, the quainted, can not perceive that to be an Illand, before that he fluarp toppe, and Iye alwayes white, covered with fnowe. When

rocks and foul grounds.

on the flarboard fide, and runne in betwist them and the three or Vogel, for to runne through them into fea. forefaid rockes; when you come to the ende of these three ftorm out of the well the growne fea can come in rowlingh the- there extraordinari well acquainted. re through. You may also faile in further behind the rocks, re through. You may also faile in further behind the rocks. A quarter of a legue within that foretain point, on the foot a untill you come in behinde the forefaid lland, in a lattle narrow [the ce? Stangweyfaored by two bade places, Jorian wach and wife and the places are the places and the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the places are the and also sheltred for all windes. In this Havenof Sweggesound rocks, but it is also Pilots water. the ships commonly doe lye there to tarrie for the winde. He | Towards the southeast from Iorianwagh, men may sale sarre

Fremmer ven of Bremfies, a little quarter of a league within it on the the westwardes along the Liet, lye right behinde one the other Me nwere wente to come to ankor there to paye cuftome, but without difference Toefter Poefter. now the Kings Cuftomer dwelleth over against it in little Fossen, so that now at this present, men may eyther goe there, or to little l'offen for to paye there custome, according as oc-

beackons, which fland by the church upon the water fide, good deales. thwarte of the innermost is the best Roade, and also the best by reason of the great depth, and verie steepe grounds.

Little Fol- northwardes, overagainth Bremfines, betwixt two lands. In there about behind it and maketh it an lland. The Norwazethey that are bound to the westwardes in Little Fossen. Men betwitt them both is good anckoring in 10 or 12 fathom, landmay also faile from Fossen to the eastwards, through betwixt leckt for all winds. acquainted.

Rocks, called three Eleffen which lye in a rowe without the eathwards, further up into the Liet, towardes Dronten or Age-eaft fide of this channell, & thereby is very good to be knowne, in tis most all whole land, and not so broken, as to the weit-A little within the three Fleffes, fieth a great black flat rock, when you are by or in Hawes-mouth of Brennfaes is lyeth weftporthwest, or fomewhat more northerly from you. Foato fide of Stangeyxfiorid-lyeth a faire channel called Grypfound,

these two rocks on the larboard side, and the Mewholms on the [( to the northwards of this flat rock and the Flesse it is all full of rocks, fome above and formunder water ) you shall then leave Alongft to the northwardes of the Mewholmes and those on the larboard fide of you, two other round rocks, which you through not the fact, then you manufactor the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the contr into the Liet.

About three quarters of a league within thefe two forefaid well along the them unto the end: when you are come wir-

The markes for to finde Fleffound, comming in out of the Freeckol Sweggefound is a litle Haven behind three great rocks, with fea, are two high Hils, the one called Freekhol, lying upon an antite nanoran Enginemie iongoutne can nucotte, went amos, towards and rotate, not are from nemmes, use you dayle along they it, being but a little off from the floare, other called Northome, lying fare within the land Freekhol you can not different his land from the mane land, but it fees meth to be all whole land, he that is not there verie well action to be all whole land, he that is not there verie well action. quanted, cannot perceive natione an inand, nectore that ne imap coppe, and yet awaye write, covered with nowe, when com close to it, for to runne in behind it. You may fayle into this full and the forefailed fourhermost Hommock of Freeck-ended the trother callwards of that lland, or to the holl fland one in the other! then they are fourheaft and by fourh wellwards of it, according as the winde wil ferve. To the welt-from you) and that you faile in right with then, you shall withwards of Sweggefound or the three forefaid rocks, at the west out fail fall right open before Flessond. It is a channel of a short end of the end of the forefaide Iland lye a great multitude of inlet, and very commodicus, as also Grypfound for them which comming from Drouten, Edou, or any other place in the Lieth, Stangwin Eor to faile into the wester channel, you must leave them all and before night can not faile to the channells of the black Oxe sorte.

About a quarter of a league to the eastwardes of Bremfues norman rockes, what you will look up to the fourthwards about by them to wards the northeast or north, and anchor there in yor 8 faily that the northeast or north, and anchor there in yor 8 faily that the northeast or north, and anchor there in yor 8 faily that the northeast or north, and anchor there in yor 8 faily that the northeast or north, and anchor there in yor 8 fail you have the northeast or north, and anchor there in yor 8 fail you have the northeast or north, and anchor there is no the northeast or north, and anchor there is no the northeast or north and anchor the northeast or north anchor the northeast or north and anchor the northeast or north anchor the northeast or north anchor the northeast or north and anchor the northeast or north anchor the northeast or north and anchor the northeast or north anchor the northeast or north anchor the northeast or north anchor the northeast or north anchor the northeast or north anchor the northeast or north anchor the northeast or north anchor the northeast or north anchor the northeast or north anchor the northeast or north anchor the northeast or north anchor the northeast or north anchor the northeast or north anchor the northeast or north anchor the northeast or north anchor the northeast or north anchor the northeast or north anchor the northeast or north anchor the northeast or north anchor the northeast or north anchor the northeast or north anchor the northeast or north anchor the northeast or north anchor the northeast or north anchor the northeast or north anchor the north anchor the north anchor the north anchor the north anchor the north anchor the north anchor the north anchor the north anchor the north anchor the north anchor the north anchor the north anchor the north anchor the north anchor the north anchor the north anchor the north anchor the north anchor the north anchor the north anchor the north anchor the north anchor the north anchor the north anchor the north anchor the north anchor the north anchor the north anchor the north anchor th thom, there you shall lye landlockt for all winds, but with a found, you may not com in there but with a Pilot except you be

A quarter of a league within that forefaid point, on the north

that is bound to the westwards, may runne out to the fourth- within the land, into many divers founds, Stangwickford, Schawards of the three foresaid rocks, and he that is bound to the elwixfioird, Northfioird, Walsfioird, Wenningfioird, and other eaftwardes, may faile out to the northwardes, through beeattwardes, may mare out to the northwardes, among to twist the Land and the Iland, but that channel is verie narrow, land lyeth the mountaine of Stade buye, also in two hills, as Toeland lyeth the mountaine of Stade buye, also in two hills, as Toeland lyeth the mountaine of Stade buye, also in two hills, as Toeland lyeth the mountaine of Stade buye, also in two hills, as Toeland lyeth the mountaine of Stade buye, also in two hills, as Toeland lyeth the mountaine of Stade buye, also in two hills, as Toeland lyeth the mountaine of Stade buye, also in two hills, as Toeland lyeth the mountaine of Stade buye, also in two hills, as Toeland lyeth the mountaine of Stade buye, also in two hills, as Toeland lyeth the mountaine of Stade buye, also in two hills, as Toeland lyeth the mountaine of Stade buye, also in two hills, as Toeland lyeth the mountaine of Stade buye, also in two hills, as Toeland lyeth the mountaine of Stade buye, also in two hills, as Toeland lyeth the mountaine of Stade buye, also in two hills, as Toeland lyeth the mountaine of Stade buye, also in two hills, as Toeland lyeth the mountaine of Stade buye, also in two hills, as Toeland lyeth the mountaine of Stade buye, also in two hills, as Toeland lyeth the mountaine of Stade buye, also in two hills, as Toeland lyeth the mountaine of Stade buye, also in two hills, as Toeland lyeth the mountaine of Stade buye, also in two hills are the stade lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lyeth lye and not above two fathom deep.

A halfe league to the eaftward of Sweggefound lyeth the ha
ter. The fell ills of Toeffer and Stadebuy, when you come from flarboard fide flandethalittle church, with fome houses, which and seeme then to be no more then one hill, but being thwart you shall espie behinde a point, when as you are come some-ofthem in the Liet, or at fea, each sheweth in two, which is towhat within, there dwelleth the Governour of Normer Leen gether four every high hills, and are commonly called together

Betwixt Toefter and Statebuye runneth through a narrow poelter Sound, into the Northfioerd, called Soolfound. To the cast of Soolfound Statebuye runneth also another found through into the Northnsion destrictve.
For to anchor before Bremfines, you must looke out for two closeby the northfird is a lade place, where men doe lade

A quarter of a league in the Liet, to the castwardes off Em-Emmergrounde, let your anckor fall there, in twentie, fifteen, eight merfound, runneth in another found, at the entrie broade and found. or tennefathome that is neare by the shore, for there it is verice wide, within it divide thit selve into two partes. Sayling in or temerationic tracts scarcely one after the temperature of the principle well to be differend from the main land, for those which are Hand. Little Fosten or Fostound is anarrowe haven, lying to the not there well acquainted, the end of the Northfioird runneth these two places lie the ships commonly to tarrie for the wind, barkes runne much thereabout behinde it. To the fouthwards they that are bound to the caltwards before Bremfnes, and of the flat lland lyeth a Rock or little Iland, called Flathom, Flatholm

the forefaide land, and come into Stangwixfloerd againe in roo- Through this founde men doe runne into Eurfound, a ladepla- Eurfound me into the Liet of Dronten, but is a verienarrow channel, celying in the Nortfloird, there standeth a little church on the and not welto be done for them which are not there verie well well fide of the flatte Iland Betwixt the little Iland is also a good haven, where men may lye in three, fonre, and five Westnorthwest, from the haven of Bremsnes goeth a chan- fathome, it is not broade but cleane. To the eastwards of this FleTonid Tell through the rockes called Fleffound, after three round | Yellow land lyeth the high land of Dromfines, From thence Dromfines

runne out from thence at that channell, faill right with the a- one of the belt channells for to come in out of the feat in the Lice forefaid black rock, and runne to the fouthwards of it close a- it is aboute a quarter of a league broade, and goeth close to the longst by it leaving it and the Plesses on the starboard side, castwardes of the Hand Grype.

manie Fishermen, which goe from thence to fea, to fish upon fixe or feven fathom, cleane rising ground, which you may manier snacks; me justice in the size of the in our look of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the size of the si about is anckor grounde in twelve fathom. On the fourth or Rocks by the shoare, some above and some under water, therewelltide, it is full of Rockr, but they lye most above water fore you must somewhat shanne the southshoare thereabouts, About halfe wayes berwixt Grype and three Fleffes, fome | but the north shoare along the Bitteren is verie cleane. The what without al the other Rocks, lyeth a funcken rock a little Liet is thereabouts a great halfe league broade. under water he that runneth along it without these rocks, must be mind full thereof.

For to goe into Grypefound comming in out of the Sea, you Norther and fouther Lexen, which are together about a halfe mult bring the high Mountain of Toefter Poefter eathfouthealt league long. There the Liet lyeth betwire both eaftnorthealt, from you, and fayle in right with it, and fo you shall not fayle to and northeast and by east. runne in fight of the Iland Gryp, which is good to knowne In fouther Lexen is a baye, before which lieth a round rock, from the other rocks, by the greate manie Fishermenes houses, making in there within a faire haven, called the haven of Lexen which ftand upon it, and upon no other Hand not Rocks there- the belt haven of all the Liet. Ihon Geurt fon Boogart off Amabouts, leave that Iland on the starboard fide, and goe in first sterdam, hath (at this owne charges, for the commoditie off ealtfoutheast right with Toester, being past the Iland Gryp, thips that come there) caused to be made a great fron right men bringe Toester two points on your larboard bowe, and goel to doe anckor either to the eastwardes or to the westwards off the in foutheast, and you shall come into the Lieth betwixt Ham- foresaid rock, where they will in fixe, seven or eight fathome, merfound and Toefter. From thence to the littlelland Edou are and bring a hawfer on the foresaid Ring, the further men doe about four elegues. About three leagues to the weftwardes run into the Bight, betwist the Rocke and the land, the floud-ofit, or a league to the eaftwards of Gryp found in the Liet, der, it is all clean and clear ground. lieth alfo a funcken rock, almost even with the water, and allmost amid the favewaye, nearffethe north flot, you may alwayes for the fee breake upon it, leave it on the larboard flot, and nume to the forthwards of it, there it is breakel, you may alwayes for the fee breake upon it, leave it on the larboard flot, and nume to the forthwards of it, there it is breakel, you may alwayes for needer an alfo to the northwards of it through betwirt it or beginning of the winter, for to fee fayle with an eathwinde, and the other rocks , but it is there narrow.

Edou or Edoe is a somewhat low plain Hand, a league long, winds. and verienarrow, which is the first land out the larboard fide, A league to the fouthwards or to the westwards of these haupon the Lier, that men have shelter off from the fea, to the vens, of Lexen and Moltow, on the southshoare, lyeth a little little Hands, where the growne lea cometh rouling in through. men may layle round about; under that little Hand it is good Not farre from the west end, upon the south side of Edou, anckoring (as well for them which are bound to the eastwards Not rare from the well cons, upon the southbord of the flatten than the flatten that the white Church, this warf of it, or a little to the sate was to the well-wasful in 4 or father good clean flatten callwards of it, men may ancker in eight, nine, reme fathome. The fluor think of the lacte of from Scheuer weeke along the of the fluor pring ground 1 if men doe come eare tim [Flegwyke, (which is a legue and table, and we goes by The thorac estreep typing ground if it men one commencer it in Jieggypee, (which is a regiger and anime, and with the four for four establine, they find be preferredly fail, but the grounder is well the point of Agenes ) is most cleane with little flowle foir. When as men come from the weltwards, and will anchor grounds: but from Heggypee along it to Agenes the coefficiency there they must fit committing earer the wetter do if the lind if you lead and cocky. The north fide along it by Fitteren, a salid continually feele with the leade for the anckor ground, and fo indifferent cleane; except at the northend lye fome rocks calfoone as they feele it, let fall their anckor, thwarte of the a led the Terlingen, which lye somewhat off to the southwards the land, verie out the cablethen the shippe shall come to lye a halfe quarter of a league broad. there in fixe fathome, the Liet is thereabouts aboute a halfe leas Hemneffioird lyeth over against the north end of Hitteren, Hemne gue broade.

Upon the east end of Edon is also a little haven called Ku- Deales are cut and laden.

winds, but the ground there is not cleane.

into the Liet.

Hitteren, together about feven leagues long, fo that he that fourthward of Foffen you may fail through along that othe fee, Carren fayleth up the Liet thwarte of them, can not perceive other-but not without a Pilot.

farboard fide, by the fouthermost little Iland.

Schipnes, lyeth a haven called Schaerfwyke. In the mouth off beevery close by the shore before you shall finde ground, and this haven, about the middelt of the channell, but fomewhat then you must make a cable fast on the foresaid Ring, close to nearer Schipnes then Dromfines, lyetha funcken rock, which the shore it is about five of fixe fathom deeps foule ground, falleth drie at low water, you may runue in aboute it on both On the north fide of the Liet over against the point of Age-

Grypeit a little rounde lland lying from the Voghell north- fides. A little within the point, on the fouth fide flandeth a caft and by ealt diffant aboute leven leagues, upon it dwell Countriemans house, before which you may ancker in five,

Aboute five leagues to the eaftwards of Schaerswycke, on Lexen. the north fide of the Liet, lye the two Hands of Lexen, to wete,

because they can hardly get to sayle from Lexen with easterly

westwards of it, there is nothing but broken land, Rocks and Hand, whereuponstandeth a Warder, called Swanholm which Swanholm

foresaide little white Church, or a little to the eastwardes of it from the shoare into the Liet. A little to the eastwards of for that the little Church come to fland over the horfes. When Hemmefoird, over against Hemmefohell (an Orchard upon a as let fall their anckor in tenne fathome, and wending up towards high land (there the Liet is at the narrowest, and no more then

it is a bay where many Sawes doe stand, and abundance of good ford

row, and it is so little that there can lye no more then two or To the norhwards or castwardes of the Terlingen, at the three shippes, there lyeth a little black rock not farre from the north end of Hitteren, in betwixt Hitteren and Lexen lyeth a Thoare, mendoe runne in betwisk thar little rock and the lland, haven callled Deepfound, the Norway Barcks (comming from Deepard and anckor betwisk them both there men lye landlockt for all the fourthwards ) runne in there along the behind Lexen to the found northwards.

At the eaftend of Ddou lyeth another lland fomewhat long, called Glafen. To the eaftwards of ir runneth a great broade Euriland on the north fide, the Liet lyeth alongit eaftmortheaft, Sound into feat, called Ramffoird, but it is known of few. With and northeaft and by caft three leagues. Agenes is the norther-Agenes. northeriy winds these commeth through a great growne fea most point of the Liet, you must goe about by it when you are bound to Dronten.

Bischland | To the eaftwards from Ramfflorde lieth the land of Hitteof Hunter ren, two greate long llands, Norther Hitteren, and Souther
fouthermost is called Fossen, the northermost Garten, to the rostes

wyfe, but that he fayleth in betwixt two maine lands. At the For to fayle from Lexen to Agenes, runne along thy the Ramsford ow lite lands, called Weroy, there you may called specific called specific called were considered as the called were considered as the called specific called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were called were ca fail in betwise them, and anckor in good white fand ground, the point Agenes, lyeth a funcken rocke not farre from the floar you may also fayle through betwise the little Ilands, alongft shoare. For to avoid it more other danger, keepe alongft by the into the Liet, and then you leave a funcken rock lying on the north shore (but take heed that you run not in to no bights or bayes ) fo long untill that you can fee the houses upon A genes, From the lland Edouto the Highland, or the pointe off then fayl towards it, and then you shall not sayle within any dan-Prom the Hand Edouto the Highland, or the pointe on contraytowards it, and then you that not tayle within any don't be because the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of

lye farre from the shore.

With contrary vvindes, or that men cannot come about A-1 20 and 21 fathom. genes, or taken with the night, they doe anckor most com- About a bow-shot northeast from the Holm lye two funcken

to the Westwardes, and by reason the lands from thence to the shouldest of the Barre into the Elf with a ships that draweth 11 fouthwardes on both fides are very high, and the winde (being foor, Footherly falled there betwist them both, always frong to full controlled falled there betwist them both, always frong to the northwards, me nace not (in falling peg any things the flat commonly two or three malts for beakons, but there with turning to wind-wards, but falling off they may het in certainty off them that men may trill unto, for they are ofmuch by the current with turning to windewards.

there for these that are bound out, or to the westwards. From Agenes to the point of Roobergh, the Liet lieth fouth tyde almost dry, but within it is deeper. foutheast aboute three leagues. About halfe wayes or or fomewhat more on the west fide lies another bay called Lenfwycke

where men may have no ade.

Roberch is a formewhat flat point, to the eaftwards or to the keth ligh water, with a forming it fallels a finhom and a halftup and downs northwards about this point is good road in 6 or 7 fathom. A good wayes from the floare to the well-wards of the point, the good wayes from the floare to the well-wards of the point, the guard the floare to the well-wards of the point, the guard the floare to the well-wards of the point, the guard the floare to the well-wards of the point, the guard the do to the course the war from the shee to feasurely not cleane, and the ferform time good test for some thing. not cleane, and therefore it is no good road for great ships.

Burfen. Overagaintt Koobergn iye civets Dayes und San Bodwyke, kedal , Burfen , Bodwyke aud other more, where many Deales Overagainst Roobergh lye divers Bayes and havens , as Ur-

Holm of From Roobergh to the little Hand or Holm of Dronten, the Dronten. courfe is east three leagues, when you a little past Roobergen, you shall soone espy it against the high land to the eastwards off Dronten, betwixt them both is wide and broad. From the point off Roobergh the land lyeth up to the northwards fo far-re that at fome places men can hardly fee over the water. The lland Gryp in the two Dronten

nes, lyeth Euriland, a flat fayro greene land, upon it ftandeth a When you come by the Holm, you may fayle about within it little white Church about in English mile off from the shoare on both sides, you must bring the Holm to the northwards off vvithin the land, almost like the litie Church of Edou, thwart you, and anckor to the fouthwards of it in 6,7, or 8, fathom, off it is a good road cleane flat rifug fand, and claye ground, according as you lye close to it or farre from, it there is cleane mendoe commonly ankorthere threat of the first beakon in clay ground. The Holm and the Elf, or river of Dronten, ly 7. 8 or 9 fathom good clay ground, 16, 17, or 18 fathom men north and fouth about a flot off a cast peece a funder, betwixe them both is every where good anckorground, and depth off

rockes, which at low wvater are uncovered. When as they are By Agenes there runnethout alwayes a great strong current even covered with the flood, then you may sayle in over the

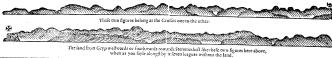
tentimes shifted : fometimes they stand on the east side , fome-A little about the point of Agenes on the starboard side, is times on the Westfide, and also sometimes on both sides, When a great Bay called Salva, wherein is good anckor ground, and you come a ships length or two within the beakons you shall cogood lying, but with northerly winds it is veric hard to com out come to a chindely point on the starboard fide, by which you must luff up to the Kay: upon the Barre it falleth with a spring

Of the streames on these coasts.

| rom Stemmesheft to Gryp northeaft and by east                    | 2 league   |
|------------------------------------------------------------------|------------|
| om Gryp to the Hands of Momendall northceft                      | 18 league  |
| rom Gryp to Holyland northealt and by east                       | 27 league  |
| rom Gryp to Rult north and north and by east                     | 27 league  |
| rom Gryp to the north end of Hitland fourburst and towns         | 64 league  |
|                                                                  | 125 league |
| rom Gryp to the east point of Island well, and well and by north | 167 league |
| - 71                                                             | 233 leagu  |
|                                                                  |            |

Of the heights of the lands.

How thefe Lands doe show themfelves at Sea.



## The ninth demonstration. In which the east side off England and Schotland, is theweth, from the River off London to the Newcastel.

then fourthwest, that you do not run on against the north into the Swallow, and the ebbe to the courtary very strong out. then fouthwelf, that you do not run on against use norm; nuovue awanow, and une cape to the coursety very trong our grounds, which the farre to feaswards. Comming by the land; run along they it, but come not to necreit, that you leefe fight along they it, but come not to necreit, that you leefe fight along they it, for to avoid the taile of the Spanjard, until that the spary of the five of the fleep to flaving the binds the land, for then you should come to necreit; but if you keepe fo far from the form the first the spary of the spanjard that the spary of the spanjard the spanjard they have the force avoid the Necre, which is a finder that flower man in the force avoid the Necre, which is a finder that they are the force avoid the Necre, which is a finder that flower man in the force avoid the Necre, which is a finder that flower man in the first that the spary of the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard that the spary of the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the spanjard the sp flore, that you can see the foresaid steeple above the high land, the south point of the River a good wayes to the eastwards, or keep it even in your fight, then you can not take hurt of the upon the outermost end where of standard allwayes a beakon. fouthgrounds. Comming thwart of Margat, then you are path whereby you may know it. Run alongft to the northwards of forefaid flowlds or fouth grounds. Run then boldly tewards it, leaving on the larboard fide, & alongft in the middle of the the flore, and within two cables lengths alongit by it, for to channell into the fea-reach for avoid the grounds which lye avoid the north grounds, which lye farre to the fourthwards the off from the north flore, goe in fo alongit towards Graveland.

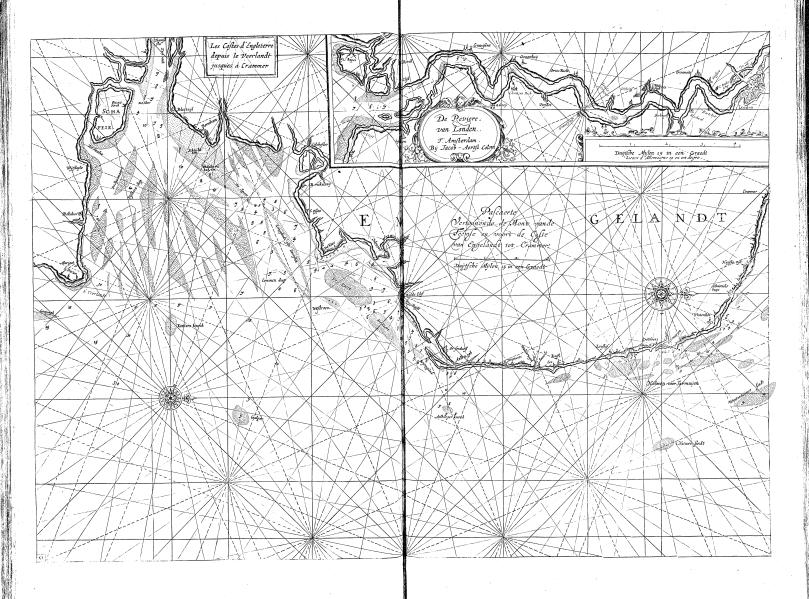
avoid the north ground, which are two fleeples upon one Church) come

To fayle with flatpest of great draughts alongft by the north
Roculvers ( which are two fleeples upon one Church ) come

Forland up into the Thauses, you must (when you are past the betwixt them both leaving the buye on the starboard fide, one from the other. and the beakon over against it on the larboard fide. From Sayling from the buye upon the Lastes it is a great wayes all

Y two ways men may fuyle into the river thency you may with little flippes, or thippes of little draught; but nor with first flippes, or thippes of little draught; but nor with flippe figreat draught, at high water nunover the wards along thy the Nacs. If you will faile flipped in there from the fourthwards, then you the Fifthers deep towards Black-tayle. You may flor under from mult first flam the North For I and, it is Maroar with full blinices along the the fourthwards the fifther deep towards Black-tayle. You may all or under from mult first flam the North For I and, it is Maroar with full blinices along the the fourthwards the fifther deep towards black-tayle. You may also must find the first flam the fourthwards the first flam the first flam the fourthwards the first flam the first flam the first flam the first flam the first flam the first flam the first flam the first flam the first flam the first flam the first flam the first flam the first flam the first flam the first flam the first flam the first flam the first flam the first flam the first flam the first flam the first flam the first flam the first flam the first flam the first flam the first flam the first flam the first flam the flam the first flam the first flam the first flam the first flam the first flam the first flam the first flam the first flam the flam the flam the first flam the first flam the flam the first flam the flam the first flam the first flam the flam the first flam the flam the flam the first flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam the flam must first shun the North For land, it is Margat with small shippes along they the shoare upon the lead chere should a good wayes from the shore, at high water even unto Sheppy, but in fayling alongst there bring the North Forland also not more southerly from you you must east your tydes well, for the slood falleth very strong

NOCHIVETS which are two necessary one content come is contained and the other, and then you shall man in sight of the first buyed upon the Lafts, which lieth upon the forefaid markes of the last specified which is the state of the last specified which is the state of the last specified which is the state of the last specified which is the state of the last specified which is the state of the last specified which is the state of the last specified which is the state of the last specified which is the state of the last specified which is the state of the last specified which is the state of the last specified which is the state of the last specified which is the state of the last specified which is the state of the last specified which is the state of the last specified which is the state of the last specified which is the state of the last specified which is the state of the last specified which is the state of the last specified which is the state of the last specified which is the state of the last specified which is the state of the last specified which is the state of the last specified which is the state of the last specified which is the state of the last specified which is the state of the last specified which is the state of the last specified which is the state of the last specified which is the state of the last specified which is the state of the last specified which is the state of the last specified which is the state of the last specified which is the state of the last specified which is the state of the last specified which is the state of the last specified which is the state of the last specified which is the state of the last specified which is the state of the last specified which is the state of the last specified which is the state of the last specified which is the state of the last specified which is the state of the last specified which is the state of the last specified which is the state of the last specified which is the state of the last specified which is the state of the last specif lieth like as the first also on the north fide, & overagainst it on and by west, which lyeth upon the north fide of the sand north west. the fouth fide standeth a beakon, there you must faile through men doe call the Spanjard, those two buyes lye a great wayes



should water, so that you must runne over there with high wa- are no more but a ships length from it, before you can heave ter, but comming neare the baye upon the Spanjard, it is by the lead again you flould be upon it. When as you fit with the life and litle deeper water. He that will faile over heere, must forefhip against it, it is at the steame five or six fathom deep. reckon his tydes well, the flood falleth there alongit towards Alongit the Inner-fide, it is also everic, where so fleepe, that the fourthwest almost thwart over the deepe and the ebbe to you can not founde it, but on the outher fide you may runne

The fecond buye in the Fishers Deepe you must leave on the thin the fands. flarboard lide, and the buye upon the Spanjaerd on the larboor fix fathom, but if you keep from the floare in feven fathom, againe more fourtherly, to were, fouthwest and by fouth to-you can not faile within it. From Black-taile to the beakon wardes l'alfy cliffe. upon the Noere, the courfe is welffouthwest. leave it on the larboard fide, as before is faid, and runne in alongst the river, ming from the fouthwards will faile in there to the northwards.

fail Fortofaile into the river of London comming from the northwest from you, and faile fo right in untill you come by porthwards, you must come neere the coast to the northwards the Chindle strand, then run in alongst by it, as is before saide; of Orfordnes which is to the northwards of all the fands, there and then you shall run far enough alongst to the northwardes sol Orderdnes which is to the florthwards of a tine is assignment and the property of the Whiting, the property of the Whiting, the work Orderdnes and Leyfaf. Cowheth is flarp fleeple live and Leyfaf. Cowheth is flarp fleeple live and the property of the Whiting, the property of the flower of the fourthwards of flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of the flower of t may feeWalderswike when you are thwart of it. Dunwichis the standeth upon the nexte pointe to the southwardes of Bally belt to be knowne of all these foresaid places: it hath two flat cliffe, come to Balfy cliffe, which shall then stand aboute westfreeples, and on both fides fome trees. To the fouthwards of fourthwest from you, keepe that a foresaid woode to the fouthit lieth Albrough which is also very good to bekowne, it hath fide of the cliffe, and faile in bouldly right with it and then you it first. Altrough which said very good to bekowe, it hard now one chargen had no nouthly right withfland then you noe high the fixelpe with three mills, the two fload to the light numer right in the farewaye, in between the Whiting, and northwards, and the third to the fouthwards of Albrough the tayles? Courtefands, but if you bring the forefailet trees when you are threat offs, but folling to the fouthwards, being more time a handleffixed sength without the cliffe, you find fluor to the country of the stayles of the providence of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the country of the coun Albrough, and the fonthwards of it is very low flat and chin-faid wood of trees is verie good to be knowne, because there

low with a faddle; this you shall commonly see first, when you sive or fixe fathom, and leade it in so by it upon the leade, until foll with the land thereabouts, and is the best to beknowne for the your come by Balfy, or that you get deeper water, to know the coast by; the land without it, and to the fouthwards is very low flat chindely land. About two leagues to the the northwardes, or the fouthwardes, of Whitingfand, you

like Bellholes. may differne it plainly by the breaking of the fea upon it; but in aboute by the Court, upon the lead, untill you come within with landerly or westerly windes, and faire weather, the sea the sands. with amore you wetterly whoses, and take wasters, there were the proposity her than the proposity, her that runner the free you to the north wards with an eb, shall see it commonly ripple very much upon the land obtained the clift, when as you come from the northit, like as upon most the English bancks, and not indeed the wards, you may see Bally to the northwards or the westwardes. middeft of the banckes is alwayes the smoothst water, like as that at last it commeth our agains to the southwardes of it.

brough knock. These are sure marks of that fand. fand lying before Orfordnes, and the chindely land to the fouthwards of Aelbrough, and lyeth alongft the reach, but one in the other with the steeple of Harwich, and then you are the fouth end lieth further from land then the north end, there right over the pointe of the Chindle, and then you shall get is at low water not above fix or feven foot water upon it. deeper water, to wete, four eard five fathome, or formewhat Comming from the northwards, men faile commonly to the more against the highest water. Runne in then about by the westwards of it, that is through betwist the land and Whiting. pointe, the channell liethin right north, but in the midst of faud, rowards the Naze. Men may also faile alongst to the the havens mouth liet a funcken rockie and stonie ground, castwards of it, through betwixt Whiting-fand and the easter- which you must avoide, you may faile in aboute it on both most point of the Court, or Court-fand, which some doe call fides, by the one shoare or the other, but alongst by the east

thore, and lieth from the fleeples of Orfordnes foutheast and you may anckor al over, where you please, before the towne, by fouth, it is so exceeding steepe and needle to, that you shall in five sixe and seven fathome. You may well also goe surther have the one cast nine, the next cast five fathom, and then you into the bight, there it is clean everie where. The farewaie be-

alongft by it in five fathom upon the lead, untill you come wi-

When as you come from the northwardes and will faile ard fide : being past that , you come against the Blacke tayle , through whitin the Whiting, you must run close alongst by the to the fouthwards of the Shoebeakon into the right deepe. Thoare, and fouthwest about by the point of the chindle to the The saltpoint of Shenpy shall then lye about fouth from you, fouthwardes of Aelbrough, untill you come within the north From the Shoe-beakon the course is southwest to the point of pointe of the Whitinge, when the steeples of Orfordnes come Blacktaile, there runneth of a hooke which men micht (at to be northwest and by north from you, then you are right unawares) fail within (comming from the northwards ) in five thiwarte of the north point of the Whiting, being within it goe

larboard flote, as defore is rate, and future management of the middle of the channell betwixt both lands into Gravedes then bring the freeples of Orfordnes wefinorthweft or
northweft and by weft, but for all not more northerly then

with and Orfordne sare all flat ReeplesSowleand Dunwich lye both welt, or northwelt and by north, or northwelt from you, and wards of upon the high land, betwixt them both is a valley, therein you ayle in fo right with them; untill that the wood of trees, that the while abouts stand no other trees.

Betwist Albrough and Dunwichabout half wayes betwirt

Or bring the freeple of Balfy weftfouthweft from you, and
them fieth a Wood which is a both end high, & in the middeft
faile in right with it, untill you come by Whiting faud, in

fourthwards of Albrough lieth Orfordnes, betwixt them both mult keepe fomewhat of from the shoare because off a little fland also two woods of trees, which shew them selves a farre riffe or small tayle, that shooteth off from the shore, thwarte of off like callles or towers. Or fordnes is a flat steeple with a thik Bally cliffe, which you must avoide somewhat, with shippes of or broad caltle, which hath also a thick flat steeple, almost of greate draughts, there remaineth at lowe water upon it no fashion like the steeple of Rarop, open aboven with holes in it more then two fashome, you may commonly perceive it well

Before Dunwich you may anckor, there is good lying in

by the rippeling of the tyde.

You may allo faile into the fouthwardes, of the Ribbe(that Forto fail eight or nine fathom, fomewhat foft ground Before aelbrough is, the rayle of the Courte or Courte-fand) thus: Bring the channell is the belt road of all the coast thereabcuts in 6 and 7 fathom, steeple of Balfy northnorthwest or a little more northerly from thro East from Aelbrough about two leagues lieth Aelbrough you, and faile in fo right with it, and fo you shall runne in to the the Court Knock, this is a fand which at low water is not deeper then northwardes, to through the Courte, at a channell of eight teren or eight foote; you may found round about it in five fa-teren or eight foote; you may found round about it in five fa-them, but is not good to come nearer it which fea winds you nearer it then eight fathom, but by the welf fide you may run

upon banckes, but against them, for upon the shouldest or of the cliffe, but you faile it altogether behinde the cliffe, so

If you will faile to Harwich being paft Balfy, then bring Bal- For to fail when as Aelbrough is west from you, and the two steeples sy to that steep-point to the southwardes of Balfy where trees with of Orfordnes are one in the other, there you shall finde Ael- stande upon, keep these markes so standing, and run so along the by the shoare, untill that you be over the point of the Chindle, The Whiting , or Whiting fand , is fomewhat a long fmall the markes thereof are two high trees within the land , when fhoare it is best, being within it, you can not faile amisse, to The north end off the Whiting lieth alongst close to the take hurte, if you do not faile bluntly against the shoare: there

me, the nearer the fands the deeper Water,

the steeple of Balfi, when it commeth within a capstone barres Fishers deeper length neere to the S. end of the cliffe, then keep them fo thanyou in the litle valleye of a redde cliffe, leave then the first before. yourn the little vallege of a redde cure, reave treatment and better.

Betwist Danwich and Covehit listh the haven off Sowle Sowle goe on fouthfoutheat), until that the thirde points of first better the strength of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the sowledge list of the betwixt the Naze and the courfe, there remaine that lowe wa- the middle most Walderswyke, and upon the southermost ter no more then eight, tenne, and at some places twelve foot Dunwich. but the nearer the Sands the deepe.

beginne to deepe of, to wete; foure or five fathome then go S. | northwards of it. W. fomewhat foutherly, or fouthwest and by fouth, unto the Two leagues to the northwarder of Covehit lieth Leystas, Leysta lead, without any dannger.

The Spits, an ebbe. Upon the Spits, betwitt the two buyes is a halfe flour-come from the fourthwards, they flew themselves to the nortthe Spits stand two mastes above water, of a lost shipp, which night. Bring these foresaid sirebeakons N.W. and by N.or so

kers beakon is fouthfouthwest. through betwixte that forefaid buye and the mafter.

Ringsdepe waye fall within the hooke of the Moufe. This Kings deepe is foot, up and downe, so soone as you are over the flat it will be

point of the Naze N. W. from you, and faile in fo with it, un- thence northward toward Yarmouth alongft the shoare is all till that you come neare Goemfliet or Longfand in 5 fathom, over good anckoring and good ground. goe in then alongst by it about W. S.W, and fourthwest and by west, and keepe the founding of Longfand, and so you shall not fayle to runne in fight of the buye upon the Spittes and the wooden heads, where you must faile in betwixt them both aforefaid malt to the fouthwards of it.

From Whitakers beakon to the Schoebeakon the course is S. S. W. fomewhat wefterly, comming thwarte of the Schoe- de, which flould lightly carrie you into the bight, against the beakon, then lieth the east point of Seppie about fouth from [floare, (against your will) it is also best to runne in alongst by men might faile within comming from the northwards: but right thwart of the towne, in 5, 6, 7, or 8 fathom, the nearer if you keepe from the shoare in feven fathom, can not take you anckor to the fandes the deeper water you shall have, but hurte of it, but in five fathom you runne within it. The like all good fand and foft grounds. Hooke is also a little to the fouthwards off the Schoebeakon,

fouthwardes.

twixt Ordfornes or Whitingfand and the Naes lieth most S. | From Blacktaile to the beakon upon the Nore, the course Seh W, and by S, and is 6, 7, and 8 fathome deepe, inturning to is Weltfourthwelt. The Nore is a fund, lying from the South-beating Windewards, you may run to the fhoare in s and 4 fathorne, point of the maine land of the River, farre to the eaftwardes, but close to the lands it is deeper, to wete, 8, 9, and 10 fatho- therefore leave the beakon on the larboard fide, and goe on West alongst, amidst the channell into the river, betwist both But for to faile from Bolfy to the Naze, you must marcke lands, as here before hath beene faid in the description of the

ding, folong untill that the house upon the Naze come over coaste lieth North and by East somewhat easterly, and South the two fields, which lye on against the High land, or come o- and by West or somewhat westerly five leagues, but from Cover a blak head upon the sea fide, faile then right in with them, vehit to Leystal north and fouth 2 leagues Aelbrough, Dununtil that the steeple of Harwich come to be N.N. W. from wich and the sands lying thereabouts, are description here

water, therefore it is not good to run through here, unleife Covehit hath a high fharpe fleeple, thwart off it lieth a that it be a quarter floude or with afhippe of greate draught at banck not far from land, which falleth almost drye at lew wahalfestonde, there it is verie uneven of grounde rockie and ter, but at half stond you may faile through betwix t it and the ftonie, The pointe of the Naze is verie ftonie, foule and une- land in three fathorne, upon the outher fide it is verie fleepe, ven, the nearer the shoare t hwart of that point the shoulder, to that you can not come nearer it then 9 or 10 fathom. When the fteeple of Eafton is weltnorthwelt from you then you are When that the chird point of the Naze commeth without to the fourthwards of the banck, and when the freeple off Cothe two other points or the other land, and that it doth againe vehit is fourthwest and by west from you, then you are to the

buye upon Longfand, Thware of the Naze is Longfand verie and two leagues more to the northwards of it lieth Yarmouth. freepe fo that it cannot be wel founded with the lead by them The freeple of Leyftal is a high fram freeple, and frandeth a that are not there verie wel acquainted, but formewhat more to greate musket flot within the land from the house, fo that in the fouthwards, you may run alongft by it in 4 fathome and 3 failing alongft you may bring the fleeple on both fides of the fathome and a halfe, untill that you get the buye upon Long- houses. Of from Leyftaf begin the banck or Holmes of Yaerfand in fight of you. The northhoare to the fouthwards of the mouth, and Iye along to the northwards past Yarmouth, un-Naze is also flat, you may runne alongst by it also upon the till thwart of Winter ton, there go divers channels through them, which men may fad through, upon divers marcks, for Buyes upThe buy upon Longfand lieth in two fathome and a half at thefethar are there acquainted, you may faile through within on Long half floud, you must leave it on the larboard fide, and the buye thefe bancks, of from Leystaf until past Winterson found and half floud, you must leave it on the larboard fide, which limb a living floud.

upon the Spirs, on the flarboardfide, which lieth a little floudder, they lye about fouth and by eaft and north and by welt, a banks, then looke out for the fire beakon which fland by Ley-banks. musket flot one from the other. The course betwixt the two staf, which at two little white houses, the one standeth beneath Yann buyes is S. S. E. and N. N. W. but you must reckon well upon the chindle on the fea side, and the Innermost upon a you tyde, wheter you runthrough there with a floude or with little hommock, formewhat fatther within the land. When you de at least 3 fathome and an halfe, or almost 4 fathome, in wards of the towne, but come at last thwart of it. In the night the right channell, a little to the fouthwardes of the buye upon there is alwayes fired upon then , for to fail in there also by whinkers are good markes. Being over the Spits, the course to Whita-mewhat more northerly from you and faile in fo right with them either by nig! t or by daye, the church of Leyftaf comhiddeplate Aboute half wate, betwire them fraud also two mastes more meth then to the fourthwards of the towne over a Countrie on the same West fide, and over against these masters lieth a house by the water side, when you come against the channell. middle plate, whereupon lieth a buye on the West fide: the there is at low water no more then 3 fathom depth, keep thefareway is alongit to the westwards off this Middle-plate, seforesaid firebeakons one in the other, or bring the Innermost rather a litle to the northwards of the outhermost, for to a-To the northwards of that forefaid Middle-plate, goth out void a little plate, which lieth on the fourth fide of the Deep, a channell by the fouth fide off Longfand, which you may fai- but the channell is indifferent wyde, run untill you com againft le out and in, called the Kings-deepe. If you come from Whit- the firand in two fathom and a half or two fathome, fo near as akers beakon, palt the Middle plate, fo fair that you get fight of the buyes of Longfand or Spits, goet then bouldiven floorer, you find then (being failed a little to the northwards) caft and northeaft and by east into sea, or upon the lead alongst meet with allat, whereupon remainethat low water lesse then by Longfand, but if you flould runne into fea, to the fourth two fathom depth, with laden fhips, you must anckor before wards of the Middle-place, you foodld with an caltnortheast that flat and stay for high water, it floweth there aboute eight a readic channell, and is used almost by all shippes for to run- 5, 6, and 7 fathom deep, edge then to the shoare, and fail toward it, and then you come before the Brewehouse, there is For to fail For to runne in at this channel out of the fea, then bring the the roade, where you may anckor in 4, 5, or 6 fathome, from

About an English mile or fomewhat more to the fouthwards Havet of the towne Yarmouth, is the haven of Yarmouth, is hath two Yarn gainst the highest water, when the strongest of the floud is fpent, at halfe floud it is dangeroes, because of the ftrong tyyou, From the Schoebeakon the course is along to fourthwest the southerhead, there it is deepest. At Yarmouth in the roade fore Y to the point of Blacktayle, there runneth off a Hooke, which men doe commonly anckor to the northwards of the haven, month

If you will faile into the Roade of Yaermouth through the which you might unawares faile within , comming from the Holmes, then bring the sharpe little steepe , that standeth to the northwards off Yaermouth within the land, over the

keep these marks so standing, and goe in so westnorthwest, you also runne through in two fathome, betwist this plate and the shall find in this channell not leffe water, then eight or nine fa- land. thom at halfe floid, this channell is called S. Nickolas chau- From Haesbrough to Cromes, the coaft lieth alongst north neil; on the north fideit is deepeft being come in , the roade is west and by west, and W, N.W. 3 or 4 leagues; right before the towne in 5 and 6 fathom.

Thwart or over against the haven of Yarmouth goeth also a channell through the Holmes , for to faile in through there comming from the fouthwards, then bring Souton over the comming from the fouthwards, then Drug Soution over the provided of the haven, the great tree between Northon and that flat little houle or Callie, faile in right with them, seep thele marks (6 ladning), until that you be within the Holms, within them lieth a plate on the flatboard fide, a little to the borthwards off the haven, called the Middle ground, you may faile about it on both fides, on the inner fide in 5 lathous. But towards the Holmes, or about to the earlwards off the haven, called the Middle ground, but towards the Holmes, or about to the earlwards of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the second of the haven and the s it in 8 and 9 fathom.

From Yarmouth to Winterton, the coast lieth north and by West and Northnorthwest two leagues.

If you will fail from Yarmouth forththrough within the bancks to the northwards, fail along by the land, and keep the founding off the shore in 5, 6, or 7 fathom, untill that you have the two firebeakons which stand a little to the northwards of Caster, one in the other, fail then right with them, either by day or by night, (in the night there is fired upon them) you fhall form over a flat, through betwixt two buyes, which lye each off them upon a tail off a fand, fail bouldlie in with the forefaid firebeakons, untill you come againe neare the shoare, in 5 or 6 fathom, being come by the shoare, run then again alongst by it , and keepe the founding thereof as before, al alongit untill you come before Winterton.

Thwart of Winterton runneth off a dangerous rif, which is dangerous to faile about by night, if men doe come to near it, dangerous to late about by might, it men understand on raw of a which is upon the end fol feet, that (in three fathom or two fa-thom and a half, you shall not be aships length off from it. But when as you, (comming from the fouthward) keep your felf, the cheep shows they would not fail for near toit. To the force of them, they would not fail for near toit. in 6 or 7 fathom, then you can not fail fo near to it. fourhwards off that riff upon the land, flandetha firetowre which is verie good to be knowne, with a firebeakon, and also

white firebeakons, whereupon times in mean in the point, then around this riff. When as you come thewart off the point, then failed this riff. When as you come thewart off the point, then failed this point the firebeakons of the point of the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the failed this point the thwart marcks, and the other to the fouthwards of them for longst marcks, for these that will faile about it from the fouthwards. Comming from the northwards alongst the shoare in 5 or 6 fathom, until you come by the firebeakons upon the north fide, you mult keep fomewhat of from the shoare, before they come one in the other, or els you should run on against the rif. When they are one in the other than they ftand fouthwest and by well from you, and when as the firebeakon to the fouth From the north Forland to the north end of Goodwind the course is fouth and wards off Winterton commeth to be fouthwest, fomewhat the riff; you may not also run about far within that riff, for then remained a run about far within that riff, for then remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the riff remained by the you should lightly be soule off the grounds to the eastwards off it, specially when you come from the northwards for there it is not verie wide betwixt them both.

Boure leagues without the land lyeth Winterton fand , the fouth end where off lyeth about east and the north end northcaft from Winterton,

Thwart of Admirals house, not far from the shoare, lieth The north Forland lieth in alfo a little plate where no ship can goe over, but if you goe Orfordnes lieth in

broade castle, or bring the mill to the north side of the towner in hx or seven fathom, you cannot sayle to neare it, you may

### Of the depts and shouldes about thefe places, and in what depts men may fee the land.

Five or fixe leagues north and by east and northnortheast from the north

athome.

Five or fisc leagues without Leyhaffe and Yaermouth f.e. and east into sca, it is 27, and 28 fathom deep, there you may see the land.

Four leagues cast and by south from land, without the Holmes off Yaernouth lieth a banck, called the Newfand, which is not deepe then two fa-

thom.

Balloorheaflar leaft 7 leagues from land thwart of Yannouch is is 15 fethom, the ground red groff land with litel remound flows, is either you may

Thurst of winterion and Crommer you Bleagues from the land its 18, and

19 fishem deep, and there you may fee the land.

Vivinterion land litel 4 or 5 leagues from the land its 18, and

### What moon maketh high water at divers places.

At the north Forland a north and fourh moone maketh high water. Within the Thames a footh and by ealt moone,
gefore the Thames, at Harwich and Orfordness 3 S.S.E. moone,
At Leyth and Yarmouth A.G.e. moon maketh high water,
Vilhout the bancks of Yarmouth, and before Gromer, a foutheast moone

makethfull fea.

Betwirt the bancks of Harwitch and the Holmes of Yarmouth the flood

### Of the tydes and courses of the streames.

From the north |Forland the floud falleth to the Rocolvers , and over the which is verie good to be knowne, with a trebeakon, and all all first dwite houle, when the fec ome one in the other, then you are thware or it he point of the riffe.

To the northwards off this riff upon the land Randeth two white firebeakons, whereupon there is fired by night, for to pieting and northwest the first hands in the same of the point of the riffe. The northwards off this riff upon the land Randeth two white firebeakons, whereupon there is fired by night, for to pieting and northwest, and an earlier to make the follower are real real rifferent fine hands is all of called the Callege; and fine the very large real rifferent fine hands is a fine and and to make all and to want of the wellward into the failed and channels and is not need that of wants.

Betwitt the north Forant and Gostfordian to the Incame Talleth Wilhold the lands fouth and by eaft, and fouthfoutheaft.

When you are to the northwards of the Gallopper, then you can reckon no

When you are to the northwards of the Gallooper, then you can teck on no ebbe, then that which tunnets alongli Englands to the northwards, the fitzamer fall there all alongle the coafts. To the fouthwards of the Gallopper, the ebbe gooth to the contrary, to the fouthwards of the flood to the northwards.

### Courfes and Diftances.

by east From the north Forland to Kentishknock northeast and by east and N, N. E. 4

From the north Forland to Gallopper n.e. and by north 9 g leagues From the Gallopper to Orfordnes northwelt 9 or to leagues From the Gallopper to Orfordnes northwelt 9 or to leagues From the north Forland to the Wielings, the courfe is eaft formewhat northered by shown , pecually when you form from the course type to the course is a summer called your properties of the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer called your form the course is a summer calle

Between 3 scapes.

Between 4 scapes and the Admirals house stands a ruisbust Haesbrough and the Admirals house stands a ruisbust expensive the stands. When as you keep it and the fire-plo of Haesbrough near the techer comming from the north-plo of Haesbrough near the point of the forefaild rifle.

Stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of the stands of t

### Of the heights of thefe lands,

51 degrees 25 minuten

### How the fe lands due show them felves at Sea

VValderwyks Orfordnes

Thus showeth the coast of England betwift Orfordnee or Sowie haven,

Leystaff. Covehit

Thus showeth the land betwixt Soule land Leystaff.

me, the nearer the fands the deeper Water,

the freeple of Balli, when it commeth within a capftone barres Fifters deepe. the two fields, which lye on against the High land, or come o- and by West or somewhat westerly five leagues, but from Coyou in the little valleye of a redde cliffe, leave then the first before. ter no more then eight, tenne, and at fome places twelve foot Dunwich. water, therefore it is not good to run through here, unlefted that it be a quarter floude or with a flippe of greate draught at banck not far from land, which falleth almost drye at low wa-

beginne to deepe of to wete foure or five fathome then go S. | northwards of it. W. fomewhat foutherly, or fouthweit and by fouth, unto the lead, without any daunger.

but the nearer the Sands the deepe.

on Long-half floud, you must leave it on the larboard side, and the buye these bancks, of from Leystaf untill past Winterton. found and upon the Spits, on the fta-boardfide, which lieth a little flouldee Spits.

If you will run through from before Leyftaf within the few deep, they lye about c fouth and by eath and north and by wett, a banks, then looke out for the fire beakon which fland by Ley- brown the fire beakon which fland by Ley- brown the fire beakon which fland by Ley- brown the fire beakon which fland by Ley- brown the fire beakon which fland by Ley- brown the fire beakon which fland by Ley- brown the fire beakon which fland by Ley- brown the fire beakon which fland by Ley- brown the fire beakon which fland by Ley- brown the fire beakon which fland by Ley- brown the fire beakon which fland by Ley- brown the fire beakon which fland by Ley- brown the fire beakon which fland by Ley- brown the fire beakon which fland by Ley- brown the fire beakon which fland by Ley- brown the fire beakon which fland by Ley- brown the fire beakon which fland by Ley- brown the fire beakon which fland by Ley- brown the fire beakon which fland by Ley- brown the fire beakon which fland by Ley- brown the fire beakon which fland by Ley- brown the fire beakon which fland by Ley- brown the fire beakon which fland by Ley- brown the fire beakon which fland by Ley- brown the fire beakon which fland by Ley- brown the fire beakon which fland by Ley- brown the fire beakon which fland by Ley- brown the fire beakon which fland by Ley- brown the fire beakon which fland by Ley- brown the fire beakon which fland by Ley- brown the fire beakon which fland by Ley- brown the fire beakon which fland by the fire beakon which fland by the fire beakon which fland by the fire beakon which fland by the fire beakon which fland by the fire beakon which fland by the fire beakon which fland by the fire beakon which fland by the fire beakon which fland by the fire beakon which fland by the fire beakon which fland by the fire beakon which fland by the fire beakon which fland by the fire beakon which fland by the fire beakon which fland by the fire beakon which fland by the fire kers beakon is fouthfouthwest.

through betwixte that forefaid buye and the maftes.

into the point of the Naze N. W. from you, and have more whath, un-king/deep, till that you come neare Goemfliet or Longfand in 5 fathom, over good anckoring and good ground. goe in then alongft by it about W. S.W, and four hwest and by forefaid maft to the fouthwards of it.

From Whitakers beakon to the Schoebeakon the courfe is S. S. W. fomewhat welterly, comming thwarte of the Schoeif you keepe from the shoare in seven fathom, can not take Imrte of it, but in five fathom you runne within it. The like Hooke is also a little to the fourhwards off the Schoebeakon, fouthwardes.

twixt Ordfornes or Whiting and and the Naes lieth most S. | From Blacktaile to the beakon upon the Nore, the course 'se W. and by S. and is 6, 7, and 8 fathome deepe, inturning to Wildowsheet, The Nore is a fand, lying from the Southball will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be will be but close to the lands it is deeper, to wete, 8, 9, and 10 fatho- therefore leave the beakon on the larboard fide, and goe on West alongst, amidst the channell into the river, betwist both But for to faile from Bolfy to the Naze, you must marche lands, as here before hath beene said in the description of the

length neere to the S. end of the cliffe, then keep them fo stan- From Aelbrough alongst by Dunwich to Covehit the The ding, folong untill that the house upon the Naze come over coaste lieth North and by East somewhat easterly, and South ver a blak head upon the fea fide, faile then right in with them, vehit to Leystaf north and fouth 2 leagues Aelbrough, Dununtil that the fleeple of Harwich come to be N.N. W. from wich and the fands lying thereabouts, are description here

markes, keepe the steeple of Harwich in that little valleye, and goe on fourthoutheast, until that the thirde pointe off the which is a little shoulde river, a little within it divideth it self Naze come without the 2 other points, fo you that run throug into three parts, upon the northermost arme licth Sowle upon betwist the Naze and the courfe, there remaine that lowe was the middle most Walderswyke, and upon the southermost

halfe floude, there it is verie uneven of grounde rockie and ter, but at half floud you may faile through betwis t trand the ftonie, The pointe of the Naze is verie ftonie, foule and une- land in three fathome, upon the outher fide it is verie fleepe, ven, the nearer the shoare thwart of that point the shoulder, so that you can not come nearer it then 9 or 10 fathom. When the fleeple of Eafton is weltnorthwest from you then you are When that the third point of the Naze commeth without to the fouthwards of the banck, and when the fleeple off Cothe two other points or the other land, and that it doth againe vehit is four the fand by well from you, then you are to the

Two leagues to the northwarder of Covehit lieth Levstaf, Let buye upon Longfan 1, Thwart of the Naze is Longfand verie and two leagues more to the northwards of it lieth Yarmouth. freepe, fo that it can not be wel founded with the lead by them. The freeple of Leyftsf is a high fram freeple, and frandeth a that are not there verie wel acquainted, but somewhat more to greate musket shot within the land from the house, so that in the fouthwards, you may run alongit by it in 4 fathome and 3 lailing alongit you may bring the fleeple on both fides of the fathome and a halfe, untill that you get the buye upon Long. houses. Of from Leystaf begin the banck or Holmes of Yaerfand in fight of you. The northfloare to the fouthwards of the mouth, and Iye alongfl to the northwards paft Yarmouth, un-Naze is alfo flat, you may runne along t by it also upon the till thwart of Winter ton, there go divers channels through them, which men may fad through, upon divers marchs, for The buy upon Longfand lieth in two fathome and a half at the fether are there acquainted, you may faile through within

musket flot one from the other. The course betwixt the two staff, which at two little white houses, the one standard beneath Ya buyes is S. S. E. and N. N. W. but you must reckon well upon the chindle on the fea side, and the Innermost upon a your tyde, wheter you run through there with a floude or with little hommock, formewhat farther within the land. When you The Spits, an ebbe. Upon the Spits, betwirt the two buyes is a halfe flour come from the four hwards, they flew themselves to the nortde at least 3 fathome and an halfe, or almost 4 fathome, in wards of the towne, but come at last thwart of it. In the night the right channell, a little to the fouthwardes of the buye upon there is alwayes fired upon then, for to fail in there also by the Spits ftand two maftes above water, of a loft fhipp, which night. Bring these foresaid strebeakons N.W. and by N. or so-Whitakers are good markes. Being over the Spits, the course to Whita- mewhat more northerly from you and faile in fo right with them either by night or by daye, the church of Leyftaf combeakon. Kers beakon is fouthfouthweit.

them either by mgi t or by daye, the couren or Leystar commidleplace Aboute half waie, betwirt them frand also two mastes more medi then to the fouthwards of the towne over a Countrie on the fame Weft fide, and over against these masters lieth a house by the water fide, when you come against the channell. middle plate, whereupon lieth a buye on the West fide: the there is at low water no more then 3 fathom depth, keep thefareway is alongit to the weltwards off this Middle-plate, feforefaid firebeakons one in the other, or bring the innermoft rather a litle to the northwards of the outhermost, forto a-To the northwards of that forefaid Middle-plate, goth out void a little plate, which lieth on the fouth fide of the Deep. a channell by the fouth fide off Longfand, which you may fai-but the channell is indifferent wyde, run untill you com against It out and in, called the Kings-deepe. If you come from Whitakers beakon, paft the Middle-plate, so far that you get fight of you will or can, and go then up northwardes along t by the the buyes of Longfand or Spits, goet then bouldive aftnorth-floare, you find then (being failed a little to the northwards) eaft and northeaft and by eaft into fea, or upon the lead alongit meet with aflat, whereupon remainethat low water leffe then by Longfand, but if you should runne into sea, to the fouth two fathom depth, with laden ships, you must anckor before wards of the Middle-plate, you fould with an eaftnortheast that flat and fray for high water, it floweth there aboute eight Kingsdepe waye fall within the hooke of the Moufe. This Kings-deepe is foot, up and downe, so soone as you are over the flat it will be areadie channell, and is used almost by all shippes for to run- 5, 6, and 7 fathom deep, edge then to the shoare, and fail toward it, and then you come before the Brewehouse, there is For to fail For to runne in at this channel out of the fea, then bring the the roade, where you may anckor in 4, 5, or 6 fathome, from point of the Naze N. W. from you, and faile in fo with it, un-thence northward toward Yarmouth alongft the shoare is all

About an English mile or fomewhat more to the fouthwards well, and keepe the founding of Longfand, and fo you shall not of the towne Yarmouth, is the haven of Yarmouth, is hath two fayle to runne in fight of the buye upon the Spittes and the wooden heads, where you must faile in betwist them both against the highest water, when the strongest of the floud is fpent, at halfe floud it is dangeroes, because of the ftrong tyde, which flould lightly carrie you into the bight, against the beakon, then lieth the cast point of Seppie about fouth from shoare, (against your will) it is also best to runne in alongst by you, From the Schoebeakon the courfe is alongd fourhwell to the point of Blacktayle, there runneth off a Hooke, which men doe commonly anckor to the northwards of the haven, mount men might faile within comming from the northwards: but right thwart of the towne, in 5, 6, 7, or 8 fathom, the nearer you anckor to the fandes the deeper water you shall have, but all good fand and foft grounds.

If you will faile into the Roade of Yaermouth through the which you might unawares faile within , comming from the Holmes, then bring the sharpe little steepe, that standeth to the northwards off Yaermouth within the land, over the Nickoust thomas and the north fide it is deepelf being come in , the roade is well and by welt, and W, N.W. 3 or 4 leagues; right before the towne in 5 and 6 fathom.

Thwart or over against the haven of Yarmouth goeth also achanuell through the Holmes, for to faile in through there comming from the fouthwards, then bring Souton over the comming from the fouthwards , then bring Souton over the north fide of the haven; the great tree betwirk Northon and that flat little houle or Called, Salie in right with them, and keep these marks fo standing , usuall that you be within the house and by the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of the standing shows a subject of you may faile about it on both fides, on the inner fide in 5 fathom, but towards the Holmes, or about to the eaftwards off ir in 8 and 9 fathom.

From Yarmouth to Winterton, the coast lieth north and by West and Northnorthwest two leagues.

If you will fail from Yarmouth forththrough within the bancks to the northwards, fail along by the land, and keep the founding off the shore in 5, 6, or 7 fathom, untill that you have the two firebeakons which stand a little to the northwards of Cafter, one in the other, fail then right with them, either by day or by night, (in the night there is fired upon them) you shall forun over a flat, through betwixt two buyes, which lye each off them upon a tail off a fand, fail bouldlie in with the forefaid firebeakons, untill you come againe neare the shoare, in 5 or 6 fathom, being come by the shoare, run then again alongst by it, and keepe the founding thereof as before, al alongitumill you come before Winterton.

Thwart of Winterton runneth off a dangerous rif, which i dangerous to faile about by night, if men doe come to near it, when is upon use can to treep, that (in three fathom or two fathom and a half) you find I not be affilips length off from it. But when a you, (comming from the fourthwards) keep your felf the cabe northwards when the weapon is not provided by the cabe northwards when the weapon is not provided by the cabe northwards when the weapon is not provided by the cabe northwards when the weapon is not provided by the cabe northwards. in 6 or 7 fathom, then you can not fail fo near to it. To the fourthwards off that riff upon the land, ftandeth a firetowre, which is verie good to be knowne, with a firebeakon, and also

which is verie good to be knowne, with a firebeakon, and and lattled white holl, when these come one in the other, the you are thware of the point of the riffe.

To the northwards eff this riff upon the land standent two white street of the point of the riffered by right, you consider the comment of the point of the riffered by right, and northwards eff this riff upon the land standent two white street of the point of the riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by riffered by avoid this time, whereas you come thwart off the point, then are thefe also one in the other, so that thefe doe ferve for longth marcks, and the other to the fourthwards of them for longth marcks, for thefe that will falle about it from the fourthwards. Comming from the northwards along the fine form the fourthwards along the fine form the fourthwards of the first the floater in or 6 fathom, usually outcome by the first-beakons upon the northwards along the first than the fourthwards along the first the floater in the first that which runned along the ceals. To fourthwards of the follower, the first the floater in the first the first the floater in the first that which runned along the ceals. To fourthwards of the follower, the first the floater in the first that which runned along the ceals. To fourthwards the follower, the first the floater in the first that which runned along the ceals. To fourthwards the follower, the first that which runned along the ceals. To fourthwards the fourthwards the first that which runned along the ceals. To fourthwards the fourthwards the first that which runned along the ceals to fourthwards the first that which runned along the ceals. To fourthwards along the ceals to fourthwards the first that which runned along the ceals. To fourthwards the first that which runned along the ceals to fourthwards the first that which runned along the ceals. To fourthwards the first that which runned along the ceals to fourthwards the first that which runned along the ceals. To fourthwards the first that which runned along the ceals to fourthwards the first that which runned along the ceals. To fourthwards the first that which runned along the ceals to fourthwards the first that which runned along the ceals to fourthwards the first that which runned along the ceals. To fourthwards the first that which runned along the ceals to fourthwards the first that which runned along the ceals. To fourthwards the first that which runned along the ceals to fourthwards the first that which runned along the c avoid this riff. When as you come thwart off the point, then fide, you must keep somewhat of from the shoare, before they come one in the other, or els you should run on against the rif. When they are one in the other then they frand fouthwest and by west from you, and when as the firebeakon to the fouthwards off Winterton commeth to be fouthwest, formewhat more welferly from you, then you are thwart off the point of the rift; you may not allo run about far within that rift, for ther you floud lightly be foule off the grounds to the eafwards off it, specially when you come from the northwards for there is produced to the continued to the Wallings, the course is said somewhat nonhear to make the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of the work of th more westerly from you, then you are thwart off the point of is not verie wide betwixt them both.

From Winterton to Haesbrough point, the course lyeth northwest a leagues.

Betwixt Haesbrough and the Admirals house stands a ruinous tower upon the itrand. When as you keep it and the freeple of Haesbrough one in the other comming from the northwards, then you run right upon the point of the forefaid riffe. Eourc leagues without the land lyeth Winterton fand , the fouth end where off lyeth about east and the north end northeast from Winterton.

Thwart of Admirals house, not far from the shoare, lieth also a little plate where no ship can goe over, but if you goe of offordnessieth in

broade castle; or bring the mill to the north side of the towne: in hx or seven fathom, you can not sayle to neare it, you may keep these marks so standing, and goe in so westnorthwest, you also runne through in two sathome, betwixt this plate and the fhall find in this channell not lefte water, then eight or nine fa-land.

| Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second | Second

### Of the depts and shouldes about thefe places, and in what depts men may fee the land.

whereupon is no more then 2 futhors water at a half floud.

Vikhout that fand or Harwich 5 leagues from the Naze, it is 20 and 22 faa

thom deepe, being there you may fee the land.
Thwarte of Orfornes you may fee the land from below, in two and twentie

fathome. Five or fixe leagues without Leystasse and Yaermouth Le; and east into sca, it Four leagues call and by fouth from land, without the Holmes off Yaer-

outh lieth a banck, called the Newfand, which is not despe then two faom. Eastnortheast at least 7 leagues from land thwart of Yarmouth it is 15 fao

thom, the ground red grolle fand with little round itone, being there you may even fee the land from below.

The wart of winterton and Grommet 7 or 8 leagues from the land it is 18, and 10 fathon deep, 2nd there you may we fee the land. 19 fathom deep, and there you may fee the land

VVinterton fand lieth 4 or 5 leagues from the land N. E. from VVinterton

### What moon maketh high water at divers places.

At the north Forland a north and fouth moone maketh high water. At the north Forland a north and fouth moone maketh high water, yikhin the Thames a fouth and by saft moone. St. B. moone, zefore the Thames, at Harwich and Orfordness S.S. E. moone. At Leyth's and Yarmouth aff. e. moon maketh high water. Without the bancks of Yarmouth, and before Looner, a foutheaft moone was the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of the saft of t

### Of the tydes and courses of the streames.

From the north Forland the floud falleth to the Rocolvers , and over the

### Courfes and Distances.

From the north Forland to the north end of Goodwind the course is fouth and by eaft one great league
From the north Forland to Kentishknock northeaft and by eaft and N. N. B. 4

If about From the north Forland to the Mafe the courie is caffnortheast or formewhat more catherly about From the north Forland to the Teffell or Maridian northeast From the Nazor or Harwisch to the Mafe cast 29 leagues 33 leagues 45 leagues 29 leagues From Yarmouth to Leyflaff to Walcheren or the Wicklings foutheaft, and fouthe eaft and by fouth

im the point of Gromer to Schield, to the Teffell, the course is call 40 or 42 leagues.

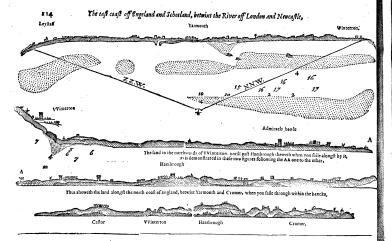
### Of the heights of thefe lands,

11 degrees 12 minutes

How the fe lands doe show themfelves at Sea.

VVolderwyks Orfordnes wise with Thus sheweth the coast of England betwike Orfordnee or Sowie haven,

Thus showeth the land betwixt Soule land Leystaff.



# The tenth demonstration.

In which, the coast of England are fet forth betweene Cromer and Orkeney.



W.N.W. and Wett and by norm, and weft, and W.& by S. 9 or 10 leagues. From Cromer to Blakeney 11 is 3 o Ar Bokeney (Lindeth a high flee

S. end of the Pole, which is a fond at the west fide of the chan- faid first buye. nell of Blakeney, go from the first buy to the other and alongst | For to faile from Cromer or Blackeney to Boston deepe, Boston

it in 5 or 6 fathom, at halfe flood there is upon it no more then water, and good fand ground, under it or within it, it is good

the Sonck both fides the Sonck unto Lin.

tailer.

chanael of to the eaftwards of the Sonck, and bring that wood of trees, that you get againe depth of fix or feven fathom, in this going

the same in to sea, by the buyes and markes that are there of then Longsand.

He land lieth from Cromer to Boroum first. This norther Channell lieth in to sea northeast and northeast W.N.W. and Weit and by north, and then and by east, and is very well buyed and beakot ed.

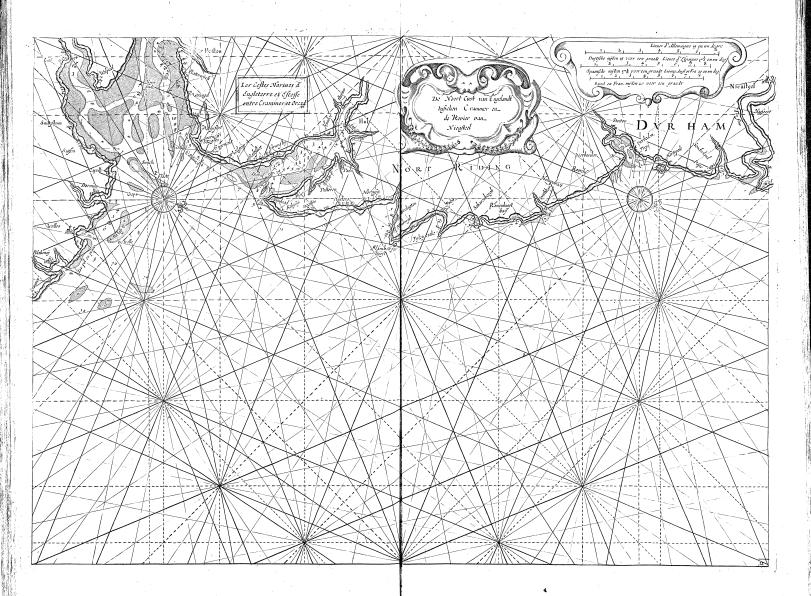
You may also faile in to the westwards of the Stonck, to we Wester-From Cromer to Blakeney it is 3 or 4 l. te , fouth and by eaft in alongit by it and runne fo to the first of lin.

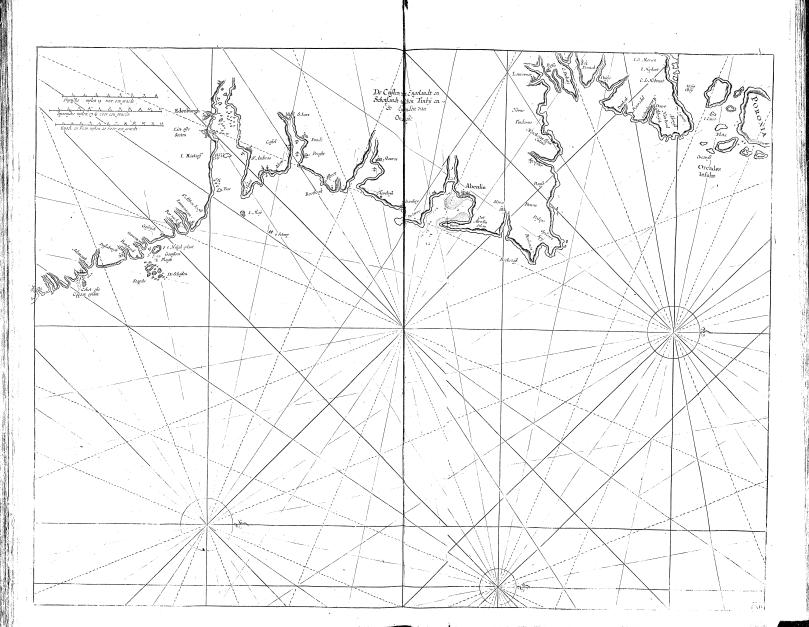
At Blakeney it andeth a high steeple , buye , and then from the buye alongit by the beakons unto Lin At Bukeney standers a high steeple, buye, and then from the buye alongst by the beakons unto Lin which you may see alongst fare over the before the towne. When you come from the called what's, you may land, when it counsets to the little steeple, then you have the first buy of the channels, which lieth at the alongst by Chappell, and in fourth and by West unto the fore-

by them, untill you come within the Haven, this is a tyde-ha- you mult goe on welf and by north, untill you come by the land deepe. ven, where mendoe lye dry at low water 4 leagues to the West- betwirt the Hommer, and Lagernesse: From the Scocke lieth wards of Blackeney lieth Wels, betwirt them both lieth the a long banck, called the Flats, north into fea a league, which pol and forefaid fhould, called the Poll and Pyper, there it is should at low water falleth dry at divers places. You runne with the Pyper - for of at fea. At the Weft end of this fhould, goeth in the Deep for efail weft and by north courfe, (when you are by Cromer or Wels, the beakous that you mult faile in alongft by, fland all or Blakeney a little without the land) alongft without, or to the alongst by the Pyper, When Hoebrom standers east from you, Northwards of this banck, at high Water, you may well goe then you are to the wellwards of the Pyper thwart of it is good overit, the ground on the eaft fide goeth up flat and plaine, road in 6 fathom. Wels lieth then four heaft from you, and the run boldly to it without feare, untill you come in foure or three trees fland then also against the steeple, then you may faile fathom, hee that useth his lead can take no hurt of it, but on open in to the Haven of Wels, alongft by the forefaid beakons. the innerfide, that is, on the Weft fide it is very freepe, fo Betwixt Wels and Bornum lieth a back, you may ride under fooneas you be over the shouldest, you shal get suddenly deep

riding for eafterly winds. He that will faile into Bornum, must goe in at high Water, For to faile in to Boston deepe, through within the Knock For to fail and he must bring the freeple against the Black-house, and fail or Elle-knock, you must keepe the founding of the floore in into bofo in by the beakons, leaving them on the larboard fide. These foure or five fathom, so long untill that the point of Lagherneffe be welknorthwest from you. Betwixt the shoare and Elle- Elleknorth From Bornum to Chappel, the course is West southwest, 2 knock remaineth at low water, five fathom in the middest off leagues, to the northwards of it lieth the Sonck, which is a the Channell, but Elleknock falleth dry at low Water. When fand that falleth dry at low Water. You may faile about it on that Lagernesse is westnorthwest from you, then goe on fouth east, through betwixt Elleknock and the should, (which sho-For to faile in to the eafter channell of Lin, then faile about teth off from the shoare to the westwards of Lagernesse) untill over the point of Sitlein or Suytion, and Chappell celt from over remaineth at low water, no more then two fathom, but it you, then goe in S. B. and by S. and you shall find the first buy, sloweth there about three fathom up and downe. Being you, and by W. and S. S. W. and by little and little more over it, then goe on four hwelf along the twixt Long and and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and Long and L westerly; untill you come about the point, there the buyes the should, which lieth off from the shoare, there it is deepe

betwixt then both nine and ten farhom, you may found both When you come about the point, then you may run through fides, (as well the showld which lyeth off from the land, as the fands, in to the norther channell, and faile out againe by Longfand) in five fathom, but the flat is somewhat steeper





for the two fteeples of Ingoldmills, ftanding somewhat to the refaid north point. The old To the two treepes of ingonannis, ransing ionicinate to the reaction of the foothwards of Lagernelle, bring them one in the other, and then you find fland about Northorthwelf from you, keepe them one in the other, and goe on fourthoutheaft, until that the fleeple flanding the north fide of the Hommer ) a little by trees upon the point by well Lagernesse , come without the south the North point off the Hommer, or over that foresaid

longit by the isno, as is octorerate, then oring the foresaid twees wants out: in this faireway it is even and eight fathous deep is one a handfalkes length without the point of Lagernelle, which You may not come necere the Bull then finke fathous Before with the flath of the man or the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the sta all like houses on the sealing, about halfe wayes betwire Lager-ness, and Ingoldmils, when they come to be N,W, from you, and tarrie for the wind. nene, and importants, when they come cope N, w. from you, and those forefaid trees without the point; then you are also writin the point of Longland, goe in them S. W. betwixt Elle-with the point of Longland, goe in them S. W. betwixt Elle-with the point of Longland, goe in them S. W. betwixt Elle-with the point of Longland, goe in them S. W. betwixt Elle-with the point of Longland, goe in them S. W. betwixt Elle-with the point of Longland, goe in them S. W. betwixt Elle-with the point of Longland, goe in them S. W. betwixt Elle-with the point of Longland, goe in them S. W. betwixt Elle-with the point of Longland, goe in them S. W. betwixt Elle-with the point of Longland, goe in them S. W. betwixt Elle-with the point of Longland, goe in them S. W. betwixt Elle-with the point of Longland, goe in them S. W. betwixt Elle-with the point of Longland, goe in them S. W. betwixt Elle-with the point of Longland, goe in them S. W. betwixt Elle-with the point of Longland, goe in them S. W. betwixt Elle-with the point of Longland, goe in them S. W. betwixt Elle-with the point of Longland, goe in them S. W. betwixt Elle-with the point of Longland, goe in them S. W. betwixt Elle-with the point of Longland, goe in them S. W. betwixt Elle-with the point of Longland, goe in them S. W. betwixt Elle-with the country of the Longland them S. W. betwixt Elle-with the country of the Longland them S. W. betwixt Elle-with the country of the Longland them S. W. between the country of the Longland them S. W. between the Longland them S. W. between the Longland them S. W. between the Longland them S. W. between the Longland the Longland the Longland the Longland the Longland the Longland the Longland the Longland the Longland the Longland the Longland the Longland the Longland the Longland the Longland the Longland the Longland the Longland the Longland the Longland the Longland the Longland the Longland the Longland the Longland the Longland the Longland the Longland the Longland the Longland the Longland the Longland the Longland the Lo ther in from thence, and then you that not also find more then 2 kor upon it.

fathom upon the shouldest.

laft on north into the River.

fleephouse, before that you come by it, it feemethas if there which hath also a Piere. You may anckor there in the Baye in Meephoute, before that you come by it; it remembers a user's were no opening, by readon that is a leven green land, run in by it, all along thy the land, being past it; the river doth opening the land, being past it; the river doth opening the land, being past it; the river doth opening the land, being past it; the river doth opening the land, being past it is a level when the land when the land is the land, being past it is a level when the land is the land, being past it is a level when the land is the land, being past it is a level when the land is the land, being past it is a level when the land, being past it is a level when the land, being past it is a level when the land, being past it is a level when the land, being past it is a level when the land, being past it is a level when the land, being past it is a level when the land, being past it is a level when the land, being past it is a level when the land, being past it is a level when the land, being past it is a level when the land, being past it is a level when the land, being past it is a level when the land, being past it is a level when the land, being past it is a level when the land, being past it is a level when the land, being past it is a level when the land, being past it is a level when the land, being past it is a level when the land, being past it is a level when the land, being past it is a level when the land, being past it is a level when the land, being past it is a level when the land, being past it is a level when the land, being past it is a level when the land, being past it is a level when the land, being past it is a level when the land, being past it is a level when the land, being past it is a level when the land, being past it is a level when the land, being past it is a level when the land, being past it is a level when the land, being past it is a level when the land, being past it is a level when the land, being past it is a level when the land, being past it is a level when the land, being past it is a level when the land dikes, a league up until you come before the towne, in the river hath a Pier or Head, where you may lye within it, but if falleth Chee, a league up untity ou come perfore the towner, in the river into a half floud everie where deep enough. When as that you the drief allow water, called that when the house of the towner on the lab-and fit.

Without the head of Fyley lieth a rock under water, called the here you must let fal your ankor, and thay until that the water. Fyley bridge, between it and the Pier yau may well lie a Flore bridge. ter begin to fal, then you shal have floud enough for to drive to with a bip of an hundred lasts, in f shrhome at low water, and the Kay, there you make falt with one cable, it doth not begin have fielder for a northealt and ealt winde. to ebbe there, before that water be fallen 3 foot.

water, but before the towne an E. and by S. and ealtfourheath runne within them at high water from the fourhwardes, but at water, our occurs the cowne and a saw my s. and eathourneant runne within them at night water from the foothwarder, but at moone. He that commeth from Bofton, and wil faile out at the low water it falleth there allo drie. Men com in there from the deep with a high water, let him loock out for the foreign light the fourthwarder.

I and within Lagernes, when that cometh behinde the point off it is considered. From Scharbrught the coafte lieth alongft by Robbinhoods RobbinLagernes, then the may boldly fet his courie wether he defireth bay, untill before Whidbye, most northwest, but past Whidbye hoods with the many boldly fet his courie wether he defireth bay, untill before whidbye, most northwest, but past Whidbye hoods with the many boldly fet his courie wether he defireth bay, untill before whidbye, most northwest. deep with a high water, let him loock out for the foresaid high the fouthwardes.

there is no then thing that can hurt num.

From Lageries to the Hommer it is about 7 leagues, most!

Robbenshoods bay is a good roade for a fouthfouthweft and north, betwist them both, about a league to the fouthwards of weft winde, men lie in 7 or 8 fathome. the Hommer lieth a place called Saltfleet haven, a little to the Whidby is a tyde-haven, which falleth drie at low water, at the the Frommer neura piace caused Sautheet naveu, a neute to the window is a type-naven, which natified rocks, where of you northwards of a flarpe fleeple called Wilgrip. Thwart of that eaffide of the haven runneth of a rifle of rocks, where of you forefaid Salifleet haven, about an English mile from the floare must take heede. For to faile in there, you must runne in befalleth almost drye, you must runne about without it, and leave lands, and anckor there. lying towards the land from you, but yet for need you may al From Whidbye to the Teefe the Coast lieth most West-Hundley-

For to faile without Ellecknock into Boftons deepe', com-avoide a little taile, which lieth of from the point, being about ming (as is before faid) to the well land, you must loocke out it, runne to the little Iland, which lieth a little by well that fo-

point of Lagerneffe, and then you runne through betwixt Elle-little lland, and faile fo right in with t, untill that you come knock and Dogfhead, (that is a fhowld without Elle knock) by that little lland, being come by it, leave it on the flarboard when the aforelaid trees come a handfpikes length paft, or to fide and run in close by it, for to avoid a great Sand called the when the annual point of Lagernefle, then goe on South-Bull, which lieth off from the South floare almost unto that well, and then you runne right into the deepe, betwirt Elle- little lland. When that you come within that little lland, then knock and Longfand, and Jo you fhal finde betwixt Elleknock, bring the two beakons (which fland upon that little lland) one and the point of Longfand five fathom depth, being past Elle in the other, keepe them fo standing, and faile so on the westwards towards Grimsby, you leave the buye udon the Bull and the points it will be 8, 9, and ten fathom deep.

wards towards Grimsby, you leave the buye udon the Bull from will falle out of the fea into Bolton deepe, and not a lying then on the larboard fide, and run along to the Northlongit by the land, as is beforefaid, then bring the forefaid trees | wards off it: In this faireway it is feven and eight fathom deep. Road bea

them, until that the right and writin Lagrendie or with market left, is absent increase attainer tantome upon and down, a begut to come even without the point of Lagrendie, which welfoothwelf and eafthorhead Moore makes the fore the begut to come even without the point of Lagrendie, which welfoothwelf and eafthorhead Moore makes the fore the follation of the common year. However, which is the forefaid land at the follation of the common year. then you are within the point of Longfand. Orelie there fland North point of the Hommer, you may anchor in three or

within the point of Longiand, got at the least Lagernes lieth leavelying on the North fide. On the South fide lieth also a knock and Longiand, as beformfaid. A little paft Lagernes lieth leavelying on the North fide. On the South fide lieth also a knock and Longfand, as betorniant A little pair Lagernes inth leavelying on the North inde. On the South hose little and a flooid orplate about the midded in the fareway, but neared! little plate, there flanded thoomshordy a Beakon upon it, that Longfand when the trees upon the point to the fourthwards of you mult leave on the lathour fide, and run along to the north-Winfleet come in the fecond valley of the high land within lwards of ir, being palit, you may run along to me north-Winfleet come in the fecond valley of the high land within lwards of ir, being palit, you may run along they the fourth Winfleet, then you are right thwart of this floudd, edge there. [shoare in three faction.] The faireway there is foure, five, and Wisduce, then you are right thwarf of this house, egge users moare in three and one. The tarreway users is house, two and fore to one fide or other, rather towards the housel, there is will fixe, and thwarf of the forefidle Beach eight and center fathom, delt, keepe boldly the founding of the fhould, and runne fourth. When you come to the end of the Bancke, you must edge up the come of the bancke. west alongst by it, until that the steeple of Boston come over to the Westwards about by the point on the South side, but Butter the fteeple of Butternyke, that is also a flat fteeple, (but final- there runneth of a Flat which you must avoid, Being a little ler then that of Bolton) flanding in a wood of trees, thwart off about that point you shall fee the Towne off Hull, Jye before let then that or notion) it anding in a wood of trees, it mart on about that point you that fee the I owne off Hull, Jye before it runneth the flould fomewhat of with a point, being pafit, you, there you may anckor before it in fixe, feven, or eight fagoe on wellfourtweft all alongit by the forefaid flould, untill thom: An east and well Moon maketh full fea before Hull. He that the great fleeple of Bofton come over the fecond mil, the-that will anckor upon the ballaft plate, let them bring the Flatre it is good anckoring by the W shoare in a fathom at low was steeple which standeth a little to the northwards or the eastter. He that commeth there at low water, must anckor and stay wards off Hull to the high point of Pael, and keepe them so for the tyde untill halfe floud, before that you may not fail fur thanding untill that he come the plate, there it is best for to an-From the north point of the Hommer called Spurne head brough

From thence the deep lieth in alongft by the beakons about to Flambrough-head, the courfe is north and by welt eight or head fouth to third beakon, being past that well fouthwest, and then hine leagues, betwixt them it is showld water of fix, seven, and by little and little, more wefterly and northerly, but run all alleight fathom deepe. Flambrough head hath many white spots ongit by the beakons, leaving them on the flarboard fide, at and Chalke hils, efpecially upon the north fide towards Fyley. | Flambrough hath a Head or Piere. A leagues to the weltwards It on north mo the raiver.

Upon the point of the river flandeth a house, which is a of it out he fouth fide lieth a little Towne called Burlington, ton.

ave melter for a northean and east winde.

ScharFrom the point of Fyley to Scharbrough it is northwest two brough. An eatl and west moone maketh in Boston deepe the highest leagues Schaebrough hath two Pieres or Heads, where you may

to be, either to the caltwards, northealtwards or northwards, the land falleth in weltnorthweft, and by little and little more

lieth a bancke or Sandplate, not veric great, which at low water (twixt the two beakons, untill that you come in betwixt the two

Forts fail \_\_\_\_\_\_ Forts failering the Hommer comming from the North \_\_\_\_\_\_\_ both by Hundley foot and Reddecliffe. Hundley foot is a high For to fail and the Homer comming from the restriction of the process of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction of the second restriction restriction of the second restriction restriction restriction restriction restriction restriction restriction restriction restriction restriction restriction restriction restriction restriction restriction restriction restriction restriction restriction restriction restriction restriction restriction restriction restriction restriction restriction restriction restriction restriction restriction restriction restriction restriction restriction restriction restriction restriction restriction restriction restriction restriction restriction restriction restriction restriction restriction restriction restriction restriction restriction restriction

de cloth: these two are very good markes, for to knowne this and further as hath been beforesaid.

te by them, in 5,6, and 7 fathome, but on the fouth fide are fo ver of Sonderland, the ground is there abouts indifferent cleafathom, you should be upon them, before you should beable to 6 fathom. On both sides, as well on the north pointe, as the heave the lead the fecond time.

Hartlepole, upon a pointe that lieth out almost like an Iland. a littleshippes length alongst by it, being past that you shall get-For to goe in there you must runne into a hight to the south- te deeper water, to wite, a fathom and a halfe, and two fathom Towne, there you shall I e drie at low water.

About halfe wayes betwixt Hartlepoole and the Teefe, run- 2 fathom and a half, or a little more. neth off also a ritle of rocks thwart from the thore a good waies into fea, come no nearer it, then 5 or 6 fathom. There flandeth two fathom , you shall meete againe with a stonie floore, about mill a little to the weitwards from the Town, fothat you may plainely fee through betwist the mil and the Towne, then you wide enough, and very where good anckorground. that not taile to taile upon that riffe.

For to faile into the Teefe comming from the northwards, 9 leagues. Two leagues to the fouthwards of Tinmouth lyeth Tees, and lie of aboute a halfe league into fea.

de, & faile in right with them that stand on the north fide, & fo it to the towne Newcastle.

and that infhorte time, 3, 4, or 5 times in a fummer.

He that will faile in there with northerly windes, and a floud, must reckon well his tydes, for the floud falleth throug to the carried behinde the banck to the fouthwards of the buye which kor in it for an east, and foutheast winde, but the winde comlieth upon the pointe of the banck,

Befides this forefaide channell there runneth yet another channell through the grounds, which lye of from the Northpoint of the Tees. For to faile in there, you must take marke |

lland the grounde is foul, and a little to the fouthwards of the of the two high lands within the land, to the fouthwardes off Iland, runneth off a foule ledge of rocks from the shoare, untill the Tees, bring them within a handspikes length one to the thwart or past the lland. He that commeth from the southother, or bring the Paps to the west fide of Hartlepoole, then wards, must keepe the Caste of Bambrough without the Hand. shall also the two high lands come within a handspikes length or els he should not faile to faile upon the point of that forefaid neare one to the other, faile in right with them, and fo you shal ledge. runne right into that new channell, alongft through that afore-

that when the funne doth fine against it, it is to see to like red- on the north side one in the other, then goe in towards them.

About 7 leagues to the northwards of the Tees lieth the ri-Close to the southwards of the mouth of the Teese lie three ver of Sonderland, a little to the northwards of the Paps, which Riffes, which lye about a halfe league eaftnortheaft into fea, are very good markes for to know the land by there abouts. which are verie foule and fronie, and fall drie at low water, upon When the Paps are S. S. W. from you, and that you are about the north fide they are verie flat, to that you may founde abou- an English mile from the land, then you are right before the rifleepe, that comming neare them, and founding in 13 and 14 ne, but fomewhat ftonie, you may anckor there in 4, or 5, and aver the lead the second time.

A league and a halfe to the northwards of the Teese lieth flandeth a beakon in the water, there you must runne in within wards of the Towne with in a head, untill you come against the at low water, but upon the barre remaineth no more then three foote. With a but common fpring, and high water there is about

a mill to the northwards of the towne Hartlepoole, if you kee- three thips lengths broad, upon it is at high water about eleven pe that to the well fide of the sowne Hartlepole, then you can or 12 foote deep, according as the tydes that runne: being over not faile upon that forefaid riff, but if you bring the forefaid there, it is again deeper. A little past that is a narrow place,

From the Tees to Tinmouth the course is N. N. W. 8 or

you must observe these markes following. A good wayes to the the pointe of Sonderland, but close to the fouthwards of Tianorthwards of Hartlepole, a little to the louthwards of Sonder- mouth goeth in the river of Newcaltle. From the point off land, and a litle within the land lye upon the high land, two Tinmouth fhooteth of a ledge of rocks, you must faile in by it hommocks close one to the other very good to beknown , off on the starboard fide. The markes for to faile into this River fallion like wormens breafts, called the Paps, keepe thefe two hommocks even without the point of Hartlepole, which shall show the point of hommocks even without the point of Hartlepole, which shall show the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point then fland from you northwelt and by north, and faile fo on to the highest) a little to the northwards of the outermost or the fourthwards; and you shall fall before the Tees, and shall not lowest, and faile fo right in, alongs by the aforesaid ledge off faile to neare the fands that lie out before the mouth of the rocks on the N. fide, and fo you fhall have upon the shouldest 2 fathom at halfe floud, a S. W. Moone maketh there full On both fides, as well on the north fide, as the fourh fide of Sea. The fourh shoare is flatte you may lead it in there with the the Text land two life white houles for friebaskons: If you count from the northwards and getfight off them, then bring halfe flouds. When you come within, rune all along by the fifth the two fourthemod one in the other, which fall then ftand from you fourth and by east, faile right in with them, until to the other though the theorethy which stande on the north side of the Tee. fe, com also one in the other, them leave them on the fouth fi-

you shall run in amidit the channell, there is upon the barre, or Seven or eight leagues to the northwards of Tinmouth shouldest, at low water no more then 5 foote, but it floweth the-lieth the Cocke Hand, betwint them both about halfe wayes re with a common tyde, at least 2 fathom up and downe, A S.w. lieth a River called Bly, where the French men doe much faimoone maketh there full fea. If when you come from the fouth le to fetch coale. From the N. point of this river runneth of a wards, you will faile into the Teefe, then bring the Innermost ledge of rocks a great shot of a cast perce, about southeast into of the two firebeakons (which flande on the nort; fide ) at leaft the fea, but the fouth fide, and the coast to the fouthwards of it. a handfpikes length, or the length of a capftone barre, to the N. is very cleane and fand-ftrand. Upon the fouth point ftand two wards of the other, and runne to weltwards towards them, until beakons: If you will faile in there, bring them one in the other, that the two firebeakons on the fouth fide are one in the other, and faile in right with them, and then you can take no hurt off then faile in right with them, as hath beene faide, untill that the forefaid ledge or riffe of the northpoint. When that you the two firebeakons on the north fide come one in the other; come by or thwart of the outermost of the two foresaid heawhen you have them one in the other, runne in right with kons, you shall see there by it another smaller beakon, that when you have them one in the other, runne in right with a ways, you man be one of a mount many them, until that you come by the northflore, and then close a fandeth upon a little degle of Rocks, that flooteth of from the fouth point, leave that on the larboardfide, and name in along the larboardfide, and name in along the control of the larboardfide, and name in along the larboardfide, and name in along the larboardfide, and name in along the larboardfide, and name in along the larboardfide, and name in along the larboardfide, and name in along the larboardfide, and name in along the larboardfide, and name in along the larboardfide, and name in along the larboardfide, and name in the larboardfide, and name in the larboardfide, and name in along the larboardfide, and name in along the larboardfide, and name in along the larboardfide, and name in along the larboardfide, and name in along the larboardfide, and name in along the larboardfide, and name in along the larboardfide, and name in along the larboardfide, and name in along the larboardfide, and name in along the larboardfide, and name in along the larboardfide, and name in along the larboardfide, and name in along the larboardfide, and name in along the larboardfide, and name in along the larboardfide, and name in along the larboardfide, and name in along the larboardfide, and name in along the larboardfide, and name in along the larboardfide, and name in along the larboardfide, and name in along the larboardfide, and name in along the larboardfide, and name in along the larboardfide, and name in along the larboardfide, and name in along the larboardfide, and name in along the larboardfide, and name in along the larboardfide, and name in along the larboardfide, and name in along the larboardfide, and name in along the larboardfide, and name in along the larboardfide, and name in along the larboardfide, and name in along the larboardfide, and name in along the larboardfide, and name in along the larboardfide, and name in along the larboardfide, and name in When as that you come fo farre in past the first fire beakon, close about northwards of it. The foresaid ledge of Rockes on to were, that you may fee Hartlepole betwixt the two firebeakons, there you may anckor in three, four or five fathome, or land, and also at a spring-tyde) above water, within it is a bight, when Hartlepole commeth betwist the forefaid firebeakons, there it is good lying for a north or northeaft winde, and there then go fouthfouthwest, untill that you come by the fouth sho- remaineth at low water two fathor depth. In the mouth of the re there it is also good anchoring. Further it is pilots water un- River it is with an ordinary tide and high water about two fato Stockton, for there within, the deepes doe shifte oftentimes, thom deep, or somewhat more, and it floweth there two fathom up and Downe, fo that at low water it falleth allmost altogether dry.

The Cocker Iland, is a very litle Iland, and not high it ly- cocker fouthwards over the grounds, and should there by bee lightlie eth about a halfe league from the land, you may come to ance Hand. ming to the northwards of the east, maketh there a bad roade, for you must lye betwixt the Iland and the maine land where

Betwixt that ledge and the Hand it is also very narrow, fo faide fand, and come against the buye (upon the fandes on the that a man standing at low water marcke upon the rockes off fourth fide of the Deepe) againe in the right forewaye. When this ledge, should all most be able to cast with a stone unto the that you get again deeper water, or have the two fire beakons I land. For to faile in there, take heed unto these marcks here-

is a falt kettel, and also a cattle fomewhat further in within the rockes, some above and some under water. In the narrow before land, which doth shewe it felf high enough, bring them one in re Queenes Ferrielietha litle iland called Inchgarve which then well from you, and runne for ight in with them, and fo it is with a stone bancke (where men may goe over at low Wathere in 5 or 6 fathom.

About this Hand there run also manie more divers little Rivers, into the land, but they fal most drie at low water.

From the Cocket Hand to the Staples, the course is northnorthwest eight ornine leagues. The Staples, that are high | A league north from the iland May lieth the point of Fifs. Fifness, Holy liand the northwards of them lieth the Holie Iland. To the fouth wards or the wellwards of the Hole Iland is a baye, where you Lands, being within men doe anckor before the Lowne. Farthe best roade: you may also runne in there from the southwards , through betwixt the Staples and the maine land.

water, the weltermost towards the Holy Iland, is called the Goldtone, the caltermost towards the Holy Iland, is called the Goldtone, the caltermost by the taples, is called the Plophs. kap, which the Sea floweth over at high Water, and at low was Forto avoid them when you will faile through betwirt the fta- ter it falleth to dry, that the Fishermen goe upon it. ples and the Holy Iland , wheter you come from the fouthpres and the exory many wheter you come from the source and so seven reagues to the northwards of Doubles neth Moot.]

wards of the northwards , then bring the freeple of Teuftenbrough over the Calfle of Banbrough , and keepe them fo

flanding, and then you shall run through betwirt them both,

for the Towne. this channell lieth fo through northeast and southwest. From the outermost end of the staples to S. Abbens head, the course head, a shout a great league to the southwards of Monrosse. is northwest 7 or 8 leagues.

From Holy Iland to S. Abbens head it is northnorthwest 7 or 8 leagues.

The Bos west and southeast source great leagues. May and Bas lye one what soule, therefore you must run in by the castland, until you Irom the other foothwest and by wer and northern, and by E., come within the naver, and accept open the 1 owns in 4 or three leagues and a halfe. The Bas is a high round Rocke cleating the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of the naver of th of it. Betweene S. Abbens head and the Bas it is most part at levelve or thirteen leagues. Betwirt them both lieft a reyd-land May clean Coaft, but without anckorground. The Iland May is

the courfe is well and by north and wellnorthwelf four less that courfe is well and by north and wellnorthwelf four less that courfe is well and the courfe is well and the courfe is well and from by north the Bas to the island linchkieth Well and Well and by north about five leagues. Betweene the Bas Terbakar, right in the buttome of the Baye betwitt Cames and and Well and by north about five leagues. Betweene the Bas Terbakar, right in the buttome of the Baye betwitt Cames and northeat and by eat teven great tegages atmost, incrincents and is, W. and or N. 2 for 2.2, to regues. From nockenes if former that a long final liand, a lengue to the northwards off in morthe outermost Orckans it is M. and Nandby W. 32 or it lieth an our point on the north Coast, called Kingornefi, below the fore it and about it lye formefule Rocks under Water, but a flate to the eathwards off the point is good anckor ground and like to the eathwards off the point is good anckor ground and when the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast of the coast o

May, or the point of Fifsnes on the north shoare lye divers litle lye two litle iland Pits and Pichlantsscare there you may run way, or the point of Pishes on the northing the year of the most support the point of Pishes of them doe also yeal out coales, but through to the weltwards betwire they and Scotland.

To the northwards off them lyeth an iland called Heynda, and good lying as wel for Wetterly with an other land called Platto, to the northwards off Platta. as for Eafterly Winds.

From Inchkieth to Liet it is southeast a league. Before Liet Illand are all the havens where the ships come to. about halfe an English mile from the shoare lieth a Rocke up-on which standeth a mast (with a crosse or some other thing of called Kabunsa, to the northwards of it lyeth an other land at Moved upon the top or tiplor a deaton. At might water use ten the formeast point of the greate land, you may alto runne floweth over it, and low Water it falleth dry. With a fiving ty-deat low Water men may go on flow to it. From the east finde deat low Water men may go on flow to it. From the east finde of that Rocke lieth of a riffe almost unto Inchkieth. Yoy may consider the same of the fourthwards of it is alforum through to the fouthwards of Inchkieth betwist that Sirza. To the castwards of Sirza and Faralye two ilands, in the forefaid rifle and the fouth shoare, but it is not to bedone, but middest of all these islands, called Eeda and Chapnoza. by them which are there exceeding well acquainted: There is Sanda lieth to the northwards of all these ilands, but Papa altogether full of Rockes and foule ground. When a you fayle and Stronzalye to the fouthwards of Sanda.

into the northwards of Inchkieth you must leave the forefaid To the eastwards of Stronsal lyeth an iland called Cuistella. it, and then towards the fouth shoare, and anckor about halfe Ronaize or northernanse. an Buglish mile by West Liet , and also hasse an English mile | Eleven or twelve leagues northwest from the great iland lie

after described: thete standeth a house upon the sea side, which | From Liet to Queenes Ferrie there lye on both sides many queenes the other, and then they shal shaud somewhat more northerly you must runne alongst to the northwards of, on the south side you shall runne in right amidst the channell betwixt both, ter) fast to the maine land, alongst to the northwards of it, it is being come within, edge up behinde the lland, and anckor cleane and deepe. Within that little iland lye Caryn and other places more where men doe lade Coales.

Under the east side of the point to the northwardes of Quenes Ferrie is good road in 2,3, or + fathom, according as jou lye farre from the shoare.

Ilands and rocks right to the eaftwards of Bambrough, lying at nesslying from S. Abbens head northwest and by north , great leaft three leagues from the land northeast into fea, a little to leagues. From thence to Dondee it is northnorthweft five lea- Dondee may lyc landlockt almost for all windes, against the Castleis ther in upon the River lieth another Towne called S. Iohus, S. Iohus, which you may goe up to at high Water.

Betweene the point of Fifsnes and Doudee lieth also the Betwits the Staples and the Holy lland by two functions.

Betwits the Staples and the Holy lland by two functions are started by the staples and the Holy lland by two functions are started by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the stable by the st

Seven leagues to the northwards off Dondee lieth Mon-Monroffer

Betwixt Dondee and Monroffe lieth an out point called Red Redhead. There flandeth a high tower upon the land called Albrot.

From Monroffe to Stone Baye or De Torre, the course is n. Stonebaye e, and by N. 4 leagues. This is a deepe bay and a good Haven To the northwards off S. Abbens-head men doe runne in for these that are bound to the southwards, where men may lie

10 the northwards or 3. Adventured under the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the from the other fouthweft and by weft and northeaft and by E. come within the haven, and ancker before the Towne in 4 or

deepe, but the common fareway is along to the northwards | From Aberdyn to Boekenes the course is northnortheast Boekenes greater then the Bas, and alfo cleane round about, except on the earth fide, there it is follows. neealt fide, there it is foule.

a Haven called Spy or Spilaert. From thence the land lieth sprifin West and Westfouthwest unto the Haven of Rosse or Lu-

and Inchkieth by the fouth shoare lye many rockes, litle ilands Boockenes, distant from Boockenes about 19 or 20 leagues. In and foule grounds, where at divers places is road, but are not this baye manie havens and founds, which are deep enough for and toule grounds, where at divers places is road, our are not thus days induce in around an ounting, with any are every even acquainted, to come into with great hips. It is from thence to Catagors as Enchkitch and the inand May life outhwelt and by Welt, and leagues N.E. and by N. Catanes lyeth from Boekenes N. W. northeaft and by ealt feven great leagues afunder. Inchkitcht is and N.W. and by N. 2 for 22, 20 leagues. From Boekenes

road for Westerly Winds. Between that point and the Hand about the point. About N.N. E. of from the point of Catenes

lieth Mayland or Ponoma. On the northfide of this greate

wood upon the top of it) for a beakon. At high water the feath the northeast point of the greate Iland, you may also runne

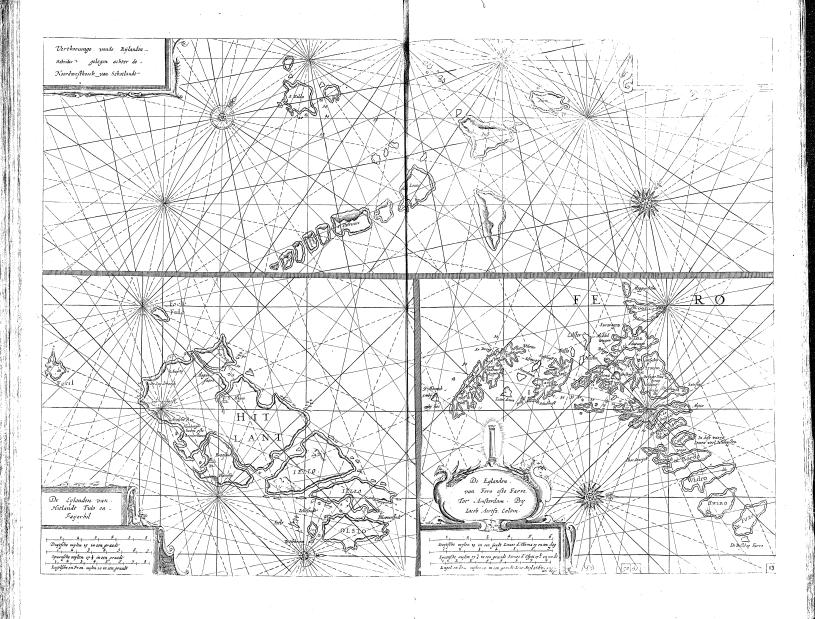
Maft on the larboard fide, and run about to the northwards off, that is the eaftermost iland off all, the northermost is called

from the shoare, in fixe, seven or eight fathom. Liet the haven two rocks, the one under water and the other above water, he Edenbrough, at tyde haven which falleth dry at low Water. that commeth from the westwards, must take heede of them.

| 118 The coastes off Engeland and Scotland.                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |
|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| Of the                                                                                                                 | Depts and shouldes about these places, and in what<br>Depts men may see the land.                                                                                                                                                                                                                                                                                                              | From the north point of the Hommer to Plambrough-head n. n. w. 9 leagues                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |
| and nineteene<br>northealt and<br>halfe floud no<br>indifferent we                                                     | Winterton and Cromer, seven or eight leagues from land, it is 1<br>lathon deepe, and there you may see the land. Northeast an<br>by north from Cromer lyeth a bancke, whereupon remaineth,<br>more water, then 4 sathom, from thence you may see the lan-                                                                                                                                      | Fount is the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the contro   |  |  |  |
| bouts you ma                                                                                                           | by east from Blackeney lyeth a bancke, whereupon remained<br>no more water then five fathom. In eighteene fathom therea<br>ay fee the land. From thence to the point of Chappell it a                                                                                                                                                                                                          | From the Teefe to Tynmouth northnorthweft From VYighuye to Tinmouth, the courfe is northweft and S. E. 16 leagues From to Cocket Iland northnorthweft From to Cocket Iland northnorthweft                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |  |
| To the norse<br>thom.                                                                                                  | thnorthwest and north and by west from VV interton-sand liet<br>fore Grommer 5 leagues without the coast,<br>thwardes of the Hommer off Hull, you may see the land in 25 st                                                                                                                                                                                                                    | h From Tinmouth to Stapels north and by weft From Stapels to tarwive weftnorthese From Stapels to tarwive weftnorthese From barwyke to S. Abbens-head northnorthweft From barwyke to S. Abbens-head northnorthweft S leagues                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |
| Scharbrou                                                                                                              | th-head men may fee in five and thirtie fathome.<br>gh men may fee from below in 45 fathom.                                                                                                                                                                                                                                                                                                    | From S. Abbenshead to the bas From the bas to Inckieth weft and by north From S. Abbenshead to the Hand beau conducted.  5 leagues                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |
| of i                                                                                                                   | the tydes and courfes of the streames, about these<br>foresayd places.<br>omers foutheast moone maketh high water                                                                                                                                                                                                                                                                              | From Fifsnes to Doonde northnorthweft 5 leagues                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |
| At Blakene Before the From Blac ebbe northwo At Flambr Sea. At Scharb                                                  | ry, VVels, Bornum and Lyn , an east and west moone.  Hommer, of Hull an eastfoorthet and w. st., moone.  keney to Flambi ough-head, the floude falleth foutheast and the ough and Fyley, in the Peera westfouthwest moone maketh fi  trough and Robbinhoods-bave a fouthwest and N.E. moone.                                                                                                   | From Redhead to Monros northwelt   From Monros to Stone bay northwelt   4 leagues                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |
| Before the<br>the highest w<br>Thwart of<br>river of New<br>To the nor<br>land, and from                               | s and at partrapole also a loutinevel and northealt moone,<br>likver of Newcalle a foothwell and northealt moone maketh al<br>ater,<br>Elimbrough-head, Scharbrough, the Teefe, and also thwart of the<br>calle, the floud falleth fouthealt, and the obbe northwest,<br>thwards of the Tees, the floude falleth fouthfouthealt alongs it<br>in the Tees to Scharbrough fouthealt and hy call. | From bockenes to Phyloact or Spyloat northnorthweft 1 leagues<br>From Phyloat to the point of Egypt weft 1 leagues<br>From the point of Egypt on the Lawrence weft and by fourth,<br>fornewhat fourtherly 2 leagues<br>From to cape de Terbare to Catenes northealt and by north 16 leagues<br>From bockenes to flavor will on the point 16 leagues<br>From bockenes to flavor will be proposed to the point 16 leagues                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |
| At Liet in t<br>The floud f<br>northwelt.                                                                              | oat betweet Timmouthands, Abbenshead a fouthwell and nort<br>niketh high water.<br>he Haven a fouthwell and by well moone maketh full fea.<br>alleth alongit these coaltes fouthfoutheait and the ebbe north<br>fis and Boccknes a foutwell and northeast moon maketh hig                                                                                                                      | From bockenes to the Orcaneys north and by weft  1 rom bockenes to thinghip roth fouth end of Hitland mand by e. 5; leagues  From bockenes to Schuytenes ealt and by north  2 rom bockenes to the Naze actif from what fourtherly  38 or 90 leagues  From bockenes to beverbergen in tutland eaft and the youth  1 rom bockenes to folyland fourtherly and by south  2 rom bockenes to folyland fourtherly and by a control of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the south of the so |  |  |  |
| and northeaf<br>From Bocc                                                                                              | keneffe, the floud falleth fouth alongft the coast towards Liet, an                                                                                                                                                                                                                                                                                                                            | From hoeckenes to the Holmes before Yarmouth for the form the ferrye 98 leagues From Aberdine to the Holmes before Yarmouth f. c. and by f. 93 leagues d                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |
|                                                                                                                        | wway it is deep 40, 50, and 60 fathom, in 45, and 51 fathome, yound. In this farreway in the Sommer the first Herrings are eaugh                                                                                                                                                                                                                                                               | Heights.  Yarmouth lyeth in 52 degrees 52 minuten The north point of the hommer of hull in 51 degrees 20 minuten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |
| From Crome<br>From blacken<br>From bornum<br>From Chappe<br>tnorthw                                                    | ic lands doe by e one from the other, and from other lands.  to Blackeney welfhoorthwell  yet bobonum through within the fand well  7 league  10 Chappel welflouthwell  10 Elleknoek, for the north point of bolfondeep,  the coun if ell and by north  on the north point of Cromer. n. and n, and by well  7 league  7 league                                                                | ratinutough-nead yets in 54 degrees 5 minuten Scharbrough 6 iver of Newcafde in 54 degrees 12 minuten 3 Timmouth or the River of Newcafde in 55 degrees 5 Timmouth or the River of Newcafde lyeth in the height of 55 degrees S. Abbens-head in Scotland in 55 degrees 12 minuten  1 Bonckense lyeth in the bridge of 66 degrees 12 minuten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |
|                                                                                                                        | How these Lands doe s                                                                                                                                                                                                                                                                                                                                                                          | hew them felves at Sea.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |
| Huntleyfoot                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                | Efinton Schel Sonderland                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |
|                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |
| Flambrous                                                                                                              | eweht the land betwirt Tinmouth and the hills of Huntieyfoot :<br>gh-head Fyley Scharbrough Robbinh                                                                                                                                                                                                                                                                                            | and Redeliffe, to the fouthwards of the Teefe, when you faile alongft by it.  oods-bay Whitbuy Huntleyfoot Redeliffe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |
| Thus sheweth the land betweet the Tees and Flambrough-brad when you flyke alongthy it.  Tinmouth                       |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |
| Photosis Comments                                                                                                      | No.                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |
| Th                                                                                                                     | Gocket.                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |
| Thus sheweth Bockeres when you falle dough by it,                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |
| In this form s                                                                                                         | heweth the land Gatenes, when you faile alongst by it.                                                                                                                                                                                                                                                                                                                                         | Thus showeth the northeast point of Orkenez when you faile along it by it,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |
|                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |
| Thus sheweth the land of Scotland to the northwards Aberdyne, when you fayle slong to by it two leagues from the land. |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |
| The eleventh demonstration,                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |
| Where in are feth forth the coast of Fayer-hill, Hitland, and the Ilands thereabout, as also the Ilands off Fero       |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  |  |

and some Ilands behind the northwest corner off Scotland.

He land Fairhill lyeth from the eaft point off the Tulo its from the fairhill lyeth from the eaft point off the Tulo its from the fairhill lyeth from the eaft point off the Tulo its from Fairehill N.W. and by north rolesgues, betwise them both lieth the fouthermoft point off Hitland, lying from Fairehill nortnortheaft yor 8 leagues, and from Fulo eaft and by work, 14 leagues, and from Fulo eaft and by fourth, 14 leagues, The fouthweft coaft of Hitland, (to were from the fouthermoft point off the northweft point) lyeth northweft and by north



north feven or eight leagues. On the same southwest fide, over and by north and northnorthwest about 8 or 9 leagues. From that northwest or west point off to the North end, the Wage goeth in a faire Sound from the southwards of from the eighteene leagues.

as you shall be farre within the lands. On the North side lieth a fathom, but the Sound is at least 20 fathom deep. high rocke, where you must run into the southwards of. And Moggenes and the northeast end of Fero lie castnortheast of on the fouthfide lieth 2 or 3 rocks, which you must leave on the a little more northerlye, and westfouthwest about 15 leagues

ftarboard fide, when you faile in there.

Manglip, thence to Hanglip, the cours is n.e. formwhat eafterly 9 or 10 le. northnorthweft and fouthfoutheast through the land, and upon

may faile about on bothfides, within it, lieth Hambrough haven, ver the leffe is a great Hand. or the Scottish haven which is a lade place for the Hamburgers and Scots. I his natural to the fouthwards of Hanglip, to the S. 5 leagues. Betwixt Suydro and Sando lye the little Hands, little men Stoer DF4 wards of it men doe runne into Broad found, the chiefest haven Dymen, Stoer Dymen, Schavo and Dalssles.

of all Hitland, which is deepe and hath cleane ground, there men doe lye landlockt for all winds.

teft rocke, with the funcken rock, on the flarboardfide, and the trade of Merchandize is. fmallest rock on the larboardfide, there is upon the shouldest 3 fathomand a halfe water.

rock, from which lieth of a riffe towards the West shoare thwart of it lieth the Bishoo. thwart of it you must runne close alongst by the west shoare, He that defired to faile of from Mulfo in to Somsounst . let for to avoid that riffe.

n.8: by caft, & N.N.E. at lalt N. and at fome places, you may upon the fland Calfo, which he must leave on the starboard fide, faile in through Hitland, especially to the N. wards of Hanglip, and goe in along w.n. w: until he come in to the Bight of the where a faire broad found lieth N. W. through, there is good llaud Oftro, and ankor there in 17 or 18 fathom. anckorground to finde at fome places, for these that are there acquainted. From Hanglip to the N. E. point of Hitland, the east end of Suydro to Fulo, or the N. end of Fero n.n.e. and 1, s. course is N. N. E. 10 leagues, there lye some outrocks called w. 21 leagues asunder.

land, the course is N. about 4 leagues.

A litle about east point goeth in a faire haven, called Bloem- fo much perfectnes, as thereof is yet knowne. found, lying in f. w. On the w.fide lieth a long rock, you must The names of the principall Ilands lying there these: Areu, the liands, ground into fea, about the Hand Fero.

the Ilands as Suydro, Sando, Moggenes, Wage, Stromo, Oftro, Calfo, Cu-Cofmographers are called Infinite Hebrides of Fero. no, Bordo, Wydro, Swyno and I'ulo.

Cofmographers are called Infinite Hebrides. The Iland Barre or Rona is the northermore

men, Schuyfo, Dalsfles, Hefden, Trallo, Colfter, Moggenesholm or 38 leagues, it lieth by two other little Hands about a greate the Monck, and the Bishop. Besides these there are yet some league one from the other. rocks and little Hands, to 7 or 8 in number.

and N.W. about 7 or 8 leagues. At the S. E. end of this Iland S.W. and by W. 16 leagues. lieth a high rock, called the Monck, or Sambie, after the name

On the east fide of S, Kildais a good roade for a w, and. n.w.

thips, as Sommerfound or Heft, Hofwyke, Vrobie, Quaelbie or mewhat eafterlye about 7 or 8 leagues. Rane, all broad founds or havens, a countrie man or Pilot can

against the Hand Fulo lieth a Sand-bay, where men may Arthe east end of Moggenesholme lieth Moggenes, to the Moggenesh anckor, but on the eaft fide of this Bay, it is fomewhat fould eaftwards of it lict the Hand Wage, and to the eaftwards off "" eaftwards of it lict the Hand Wage, and to the eaftwards off land of Hitland lieth Northeast and Southwest seventeene or Hand Sando about Hesten and the Hand Collter, for you may run in about these Ilands on both sides, & leave the great Iland Two leagues to the northwards off the forefaid West point Stromo & the east fide, and so come into Wage. In the middest s. Nagous lieth the Haven of S. Magnus, which is a broad Sound, within of the found of Wage, goeth up a haven to the eaftwards in to it is good anckor ground in 16 or 17 fathom depth, according the great Hand Stromo, there in you may anckor in 10 or 12

afunder. Betwixt them both lye tenne Hands, and betwixt each Evento the ealtwards about the S.point of Hitland, lieth a lland, is a faire broade and deep found whereof the fourth off faire Sand-bay, where you may anker in 12,01 13 fathom, from from Moggenes is called Somfound. All thefe Sounds Iye moft somfound Betwixt Hauglip and the S. point lieth an Iland, which you all these Ilands stand Churches, except upon Oltra, which ne-

From the foutheast end of Snydro to Schalhead, or the fouth Schalhead and Scots. This haven is also called Bremerhaven. There leth east end of the Hand Sando, the course is north and by wabout lints Dy-

From Schalhead untill within the Iland Mulfo (lying before Stromo) the course is n.and by w. 4 leagues, there you may eve-From the Broadfound lieth a found in alongft to the n.wards, ry where ankor, where you will in 20,13, or 14 fathom. If any through the land, which cometh out agains into the Sound to man comming in out of the sea, defireth to see a good road or the N. wards, and so maketh an Iland of the land whereupon the haven under the Hands of Fero, he shall keepe that middlemost high hil Hanglip lieth. When as you wil faile in there from the great Hand Stromo northwest and N. W, and by W. from him, N. wards, that is to the n. wards of Hanglip, you must run in neal and then hee shall see upon the middest of the Hand Stromo relt by the S. hoare, and edge to it betimes. In this channell betwist both lands by 2 Hands or rocks, the greatest lieth nearest with, and so hessall meete with that foresaid Hand Mulso.a low the N. sheare, & the smallest nearest the S. sheare, betwixt them Hand, which you may faile about on bothfides, but is best for to both lieth also a funcken rocke, which at low water is uncove- run in there at the fouth end, under this Hand is all over good red, and a high water you may know it by the breaking upon it. anckor ground. Right over against this sland, on the great I- Toukite Whenas you will falle in here, you must leave the forestaid great ladd, lieth Torshaven, the chiefest haven of Fero, where at the

From Torshaven or the Hand Mulfo to the n. e. end of Fero the course is n.e. and n.e. and by east about 12 or 13 leagues, Within this haven lye also 2 havens at the N. point, which betwirt them both lye 7 Hands, & betwirt each Hand (as hath lye into the land, where is good lying,
been faid j goeth a broad Sound thorow the land, lying through
When as you wil faile from this forefaid haven throug withabout n.w.,n.w. and by north, and n.n.w. The n. end of Fero is in unto Broadfound, youfhall meet, fearce halfewayes with a about 4 leagues broad, and lieth n.w. and f.e. and is calleo Fulo, Fulos

or to avoid that riffe.

To the N.wards of Hanglip, the land of Hitland lieth n.and then n.w. of from Bordenes, & then he fiale fpic a Church the Niethern n.w. of from Bordenes, & then he fiale fpic a Church the Niethern n.w. of from Bordenes, & then he fiale fpic a Church the Niethern n.w. of from Bordenes, & then he fiale fpic a Church the Niethern n.w. of from Bordenes, & then he fiale fpic a Church the Niethern n.w. of from Bordenes, & then he fiale fpic a Church the Niethern n.w. of from Bordenes, & then he fiale fpic a Church the Niethern n.w. of from Bordenes, & then he fiale fpic a Church the Niethern n.w. of from Bordenes, & then he fiale fpic a Church the Niethern n.w. of from Bordenes, & then he fiale fpic a Church the Niethern n.w. of from Bordenes, & then he fiale fpic a Church the Niethern n.w. of from Bordenes, & then he fiale fpic a Church the Niethern n.w. of from Bordenes, & then he fiale fpic a Church the Niethern n.w. of from Bordenes, & then he fiale fpic a Church the Niethern n.w. of from Bordenes, & then he fiale fpic a Church the Niethern n.w. of from Bordenes, & then he fiale fpic a Church the Niethern n.w. of from Bordenes, & then he fiale fpic a Church the Niethern n.w. of from Bordenes, & then he fiale fpic a Church the Niethern n.w. of from Bordenes, & then he fiale fpic a Church the Niethern n.w. of from Bordenes, & the Niethern n.w. of from Bordenes, & the Niethern n.w. of from Bordenes, & the Niethern n.w. of from Bordenes, & the Niethern n.w. of from Bordenes, & the Niethern n.w. of from Bordenes, & the Niethern n.w. of from Bordenes, & the Niethern n.w. of from Bordenes, & the Niethern n.w. of from Bordenes, & the Niethern n.w. of from Bordenes, & the Niethern n.w. of from Bordenes, & the Niethern n.w. of from Bordenes, & the Niethern n.w. of from Bordenes, & the Niethern n.w. of from Bordenes, & the Niethern n.w. of from Bordenes, & the Niethern n.w. of from Bordenes, & the Niethern n.w. of from Bordenes, & the Niethern n.w. of from Bordenes, & the Niethern n.w. of from Borden

the Outschares. From thence alongst to the N. point of Hit- From Schotland westwards and to the northwards of Ireland, lye many llands, whereof we shall here describe some, with

faile into the caltwards of it, & anckor a little within the haven, Ila, Iona, Mulla, Bragedull, Hun, Lewis, S. Patricius, S. Maria, S it is there within all cleane fand ground, and good lying Bloem- Colane, S. Petous, Epth, and S. Kilda, thefe are the greatest. found lieth in first (as bath been faid) S,S.W. afterwards S, and There are yet fome small Ilands: as Rong, Ghent, Trauta, Flad-S. and by E. on both fides is good anckor ground, there you may de, Grand Melul, Petit Melul, Stalpan, Cannay, Rum, Egghe, faile slicgether through, and come out againe through Ielle- Mule, Cutte, Carndenbrough, Gronfay, S. Karbo, Lifmont, Swynoy, Machare, Gegay, Caray, and Navariay. Al thefe Ilands doe Names of The greatest and chiefest Ilands of Fero are 12 in number, Iye and belong under Schotland, and are those which by the

The Hand Barre or Rona is the northermost Hand lying be-Barre or The little llands of Fero are ten, as Littledymen, Stoerdy hinde Scotland, and lieth from Fulo about welffour hwelt 37 Rona,

The Hands of Lewis lye from Rona fouthwest distant 16,or The fourthermost great Hand called Suydro, lieth most S. E. 17 leagues, and from the north edd of Lewis to S. Kilda, it is

of the first or fouthermost haven in Suydro, Betwist the Monck winde. This Hand lyeth by the other little Hands, whereof the and the S.E., end of the Hand Suydro, is a race or Well, which two are not very great, upon that which lieth to the westwards, you may fee fome houses stand, and those two little Hands lye Upon the W. fide of the lland Suydro are no havens for to leagues to the westwards, of the great lland of Lewis. Upon fave any shippes, but it is altogether high steepe land. On the the coast of Lewis lye also two rowes of great rocks, like as if northfide are manie havens, where men may faile into and fave they where little Hands, lying one from the other S.and. N. fo-

The fouthermost lye by 3 little Hands, but the northermost

The Iland of Lewis is devided into many parts, the which westermost and outermost sland of Fero, the course is N. W. men may faile throug at many & divers places, Lewis with the

men must avoid especially with spring tydes.

From the Northwest and Saydro to Moggansioline, the elements and outcranost Iland of Fero. bring you in there every where to your defire.

### The Coast off Fairbill, Hitland, Fero, and Jome Hands after Scotland.

But on the east false goods a broade sound a modern of a leagues. Men fail in a folde by the I land of Lewis, a bourt fourth fourthwest until patt the I land of Lewis, a bourt fourth fourthwest until patt the I land of Lewis, a league that the state of the good with a schilded at Cyacilon. Although the cycle ace can be from giving which the land of the up and downer.

From thence the Sound lieth through betwixt the great I-From thence the Souidi feet infroight feetivated getar. Hand Bragadull and Levis fourth and fourth and by well towards the well-end of Lewis, called the Ephrs, then you mult leave Mulla & Ila, with divers many other Hands on the larboardide. Jona, Ila, Mulla and Bragadul are foure of the great. It Hands,

which are lying on the weit coalt of Scotland, and lye close by the main land, but there are many havens and Sounds, fo that there you may faile in and about them every where.

At the northwest point of Ireland lye also some llands, which you may faile through and round about them all.

Betwixt Rona and Orkaneys lie alfo fome Ilands which alfo

you may faile through betwirt and round about. He that falleth with these Ilands must be very carefull and circumfect, for the most part of them are inhabited by wild and

favage people. In Lewis and the Ilands there about a fouthwest and northeaft moone maketh the highest water, & hkewise also without from S. Ailds to the north point of Scotland.

#### Of the Tydes and courses of the streames.

In Hishad within the laves and count at a nonthered and nonthered the moor makes fill lea. The flood numeric duce are not to the eastwards, and more there are the moor makes fill lear. The flood numeric duce and numeric and of Hishad, and the like of the eastwards and naven.

In the laid of the poer north and flood numeric hishad the like of the moor means in the flood of the volume the seconds and naven.

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In the laid of the seconds and naven.

In the laid of the operating the naven his pickel water than the laid of the operating the naven his pickel water than the laid of the operating the naven his pickel water than the laid of the operating the naven his pickel water than the laid of the operation has the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the laid of the la

Hand belonging to It Iye S.S.W. and S. & by W. about 29 leag.; and califoutheast and falls a longil through the llands, there you must reckon
But on the cast falle goeth a broade Sound through of 5 of 6

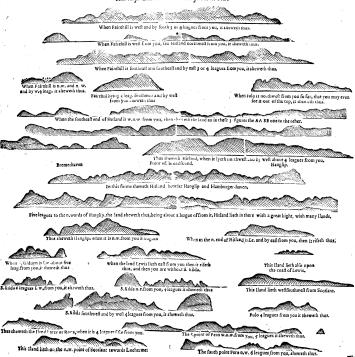
you tydes thereafter, who you will fast from the one lland to the others, then
a way to be falled the cone at the found to Sympto, and the other a
a way to be faelth teams, the one at the found to Sympto, and the other a

### How these lands doe lye one from the other, and

| from other lands.                                                                                                                                                          |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| From Fairshill to the northeast point of Orcaneys C.w. 9 or 18 leagues<br>from Fairshill to the fouth end of Bitland fourhiumheeft and fouth and by<br>well 7 of 8 leagues |  |
| from the fourh end of Hitland to the Hand Rong W. S. w. 40 leagues                                                                                                         |  |
| rom the north and of Hitland to the rocks of Rocol w.f.w. 127 or 118 leag.                                                                                                 |  |
| rom the fouth end of Hitland to Fero w.n. w, and n.w. and by w. 61 icagues                                                                                                 |  |
| rom the nend of Hitland to the fiend of Fero wand wand by n. 58 leagues                                                                                                    |  |
| From Hitland to the east point of Island, the course is northwest, and by west                                                                                             |  |
| about 140 leagues                                                                                                                                                          |  |
| From the north end of Hitland to Grep N. E, and by east 125 leagues                                                                                                        |  |
| rom Hitland to Stadt eaftnortheeft - c9 leagues                                                                                                                            |  |
| From Fero to Rona, the course is S. and by E. 41 or 4 . leagues                                                                                                            |  |
| From the fouth end of Fero to Rokol f.w. welterlye 85 leagues                                                                                                              |  |
| From Kona to Lewis, the course is f. w. 10 leagues                                                                                                                         |  |
| rom the north end of Lewis to S. Kilda f.w 16 leagues                                                                                                                      |  |
| From the fouth end of Lewis to the northwest point of Ireland, the course is                                                                                               |  |
| fouthfouthweit about 27 leagues                                                                                                                                            |  |
| Z/ leagues                                                                                                                                                                 |  |

| of the me Sure of the la minus |   |                      |
|--------------------------------|---|----------------------|
| itland lyeth in                | - | 50 degrees 48 minute |
| litland lyeth in               | - | 61 degrees 45 minute |
| ero lyeth in                   | - | 61 degrees 15 minute |
|                                |   | 62 degrees 20 minute |
| lyeth in                       | - | 58 degrees 46 minute |
| ewis lyethiu                   |   | 58 degrees 18 minut  |
|                                |   |                      |

How thefe Lands due shew themfelves at Sea.



### The first part

THE SECOND BOOK

# FIERIE-SEA-COLVMNE,

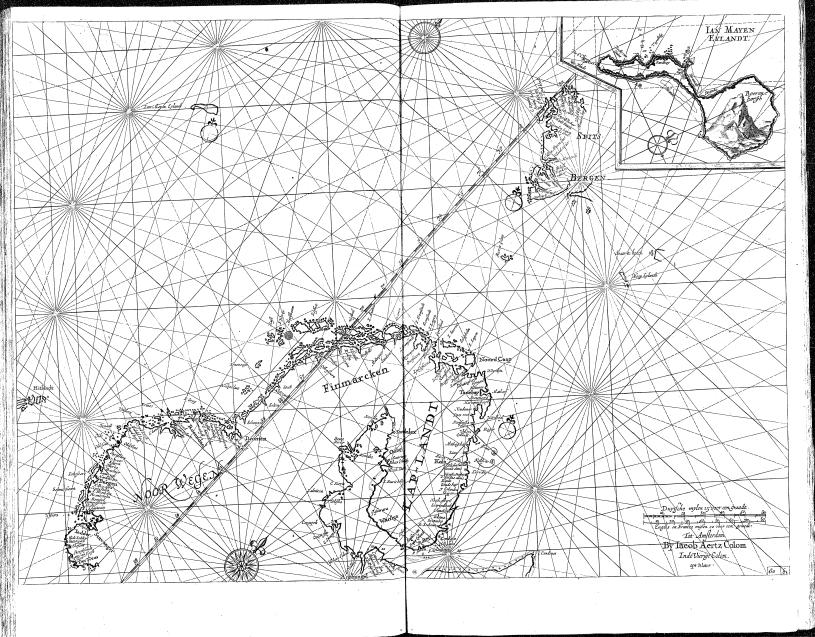
Is contained the Description, of the Seacoasts, of Norwey, Finmark, and Lapland, and therewith the vyhole vyhite Sea, from Drontem to Nova Zembla.

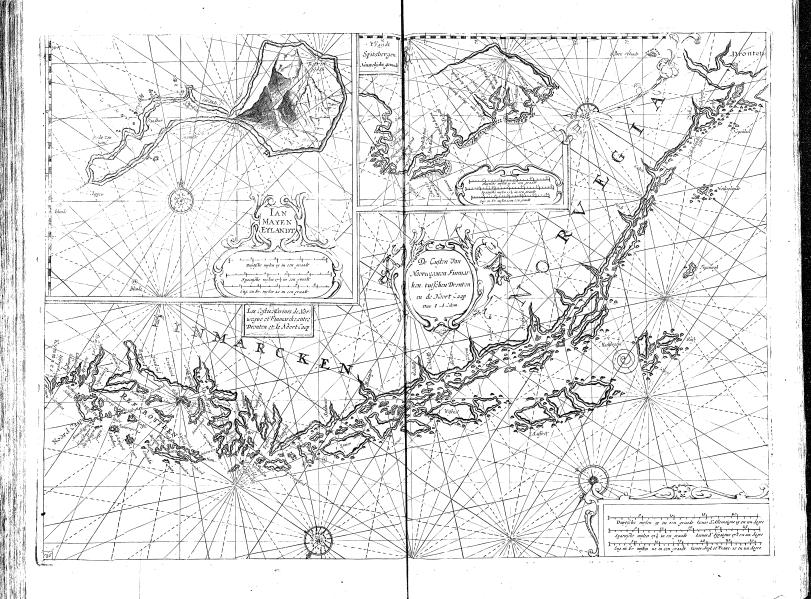
VVith priviledge of the High and Mighty Lords, the States Generall, for twelve yeares.



Printed at Amfterdam,

By Iacob Columne, on the water, in the Fierie Columne,





### The Second part of the Firie Columne. THE SECOND BOOKE,

Of the

### EASTHER NandNORTHERN NAVIGATION

The description off the Seacoasts off Norway, Finnarck, Lapland, and the Whale White Sea.

### The first demonstration.

Where in are fee forth the coaftee off Normay, from Dronten to the North Cepe; as also John Mayes Iland, and the New-sound-land off Spiethurgo.

Rom the Hand Gryp to the Nomen-dals Hands , | called Hamerfeeft. A little further in lye two high little Hands, Hamerfeeft Kom the land Gryp to the Nomen-cast Hands; Calcut Framerectt. A little further in yet wo nign in the Lands;

The Gryp to the Hand Ruth, north and orth and object.

Gryp to the Hand Ruth, north and orth and object.

Expected for the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of the Conference of Traenoch and Ruft lye thirteen leagues afunder. From Ruft to the laud of Suroy, over against the River of Alten, is a good Wero, the course is northeast and by north 9 leagues, but to road called Goeshop a fair sandbay.

these lland lye here and there in some places suncken rockes of Stappen,

and feeke road, as Oxeficert, Biurficert, and other more, Betwist. Lope, and Stury me doe falle through Suger-found and Stiennorfound into the river of Altenborten, & then betwist them they leave on the thatbortdfiled Ninsflored, Oxe-flored and Langefinerd, On the larboard filed about by the W. wettwards, it falleth away more founderly. point of Suroy, on the land of Suroy, lieth a haven, where by is of the tyde, and courses of the streames, about these foresaid places. alio a Fisher village, both called Haefwyke, Suroy is about ten

allo a Fifter village, both called Harlwyke. Surry is about ten leagues tong, and liert on the offlide, B. N. E.

Hardwest long, and liert on the offlide, B. N. E.

On the coastle a submishwate that onchrombesh moments full fast, and the North cape.

To charle coastle a submishwate that onchrombesh moments full fast, and the North cape. The found, ebout three leagues without the land lieth afflowld off rockes a little under water. John Huygen of Linchtoetts mithis fecond voyage to Nova Zembla, in the yeare 159 failed with his fibipe upon it in faire water and fimout water, that the limits of the North cape.

And the North cape the freeme comes out of the n.w. and w, in a fail leagify thannex towards the North cape. his shippe upon it in faire water and smoot water, that the fheating of this ftemme was beaten of to fhips; but after fome beating the shippe turned of with the strong current. It is to be throug that there lye more then men can fee, or as yet are dif-

About five leagues east and by north from the east end off Ingo Survey, liter the liand large, between term both ye all of Keer I me them who was a survey to learn the Rezishem holms and Shipholme litle Ilands which you may faile about Baptanam. On both fales, until under Ingon or Survey I may faile about When may one come in between Survey and Ingon, there letter the Market from Survey towards the other land, a good haven.

The North-Cape I may be a be the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the survey of the surve

words, the counter is northeast and by noting seggies, but to I obtained Leiflorer Leiflorer northeaster three aud chirt leagues. Betwixt
Leidlams, Wero and Lofforer field the Maelitrame, whetey on may faile leith Helmilay, a I allad which you man failer condobouchar-buse through, but at full waters! by the well point of Leiflorer you may faile the Helmilay, a I allad which you man failer condobouchar-buse through, but at full waters! by the well point of Leiflorer you wing on the northwelt field a bay, called Akerriford, where me a Keisman was the second of the second point of the second wing on the northwelt field a bay, called Akerriford, where me a Keisman was the second point of the second wing on the northwelt field a bay, called Akerriford, where me a Keisman was the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the second point of the s through, total thin water-by the west point of Leonery to well and any time in any time in and the roade under it. And allo you may run may time in any time in any time in any time in any time in the control of the time in any time in the control of the time in any time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in the control of time in t

tanien. Betwixt the Hands Wefterholl, Sanieu and Tromfound, you
The North Cape is the northermoft point of the Hand Nonbespé
rondound may also runne in at divers places, and make roade. Thwart of
Moggereu, a little to the westwards of it lye the little Hands

thefe lland lye here and there in fome places funcken rockes of Stappen.

On the fourth fide of Maggereueven about the earl point;

He that faileth alongit this coaft, may be mindfull there of.

From the flund Tromfound to Survey its caffonthefalt;

or 16 leagues to the eathwards of the Iland Tromfound goeth in the Tromfound betwirk the Iland Tromfound goeth in the Tromfound betwirk the Iland Fongeleden and Skyrten, and Loppen.

Melter for almost all winds: Men may runne in through Suyerny talle in these you leave the Ilands Loppen, and Loppen.

Melter for almost all winds: Men may runne in through Suyerny talle in the area of the Iland Stoppen, and Loppen.

Melter for almost all winds: Men may runne in through Suyerny talle in the area of the Ilands Loppen.

Melter for almost all winds: Men may runne in through Suyerny talle in the area of the Ilands Loppen. kalf lying on the larboard fide without the other llands, within found to the weltwards of Suroy within Suroy, Ingen, Helmit are divers llands bayes and founds, where you may faile in, thuy, and other more llands to the fouthwards of them, along

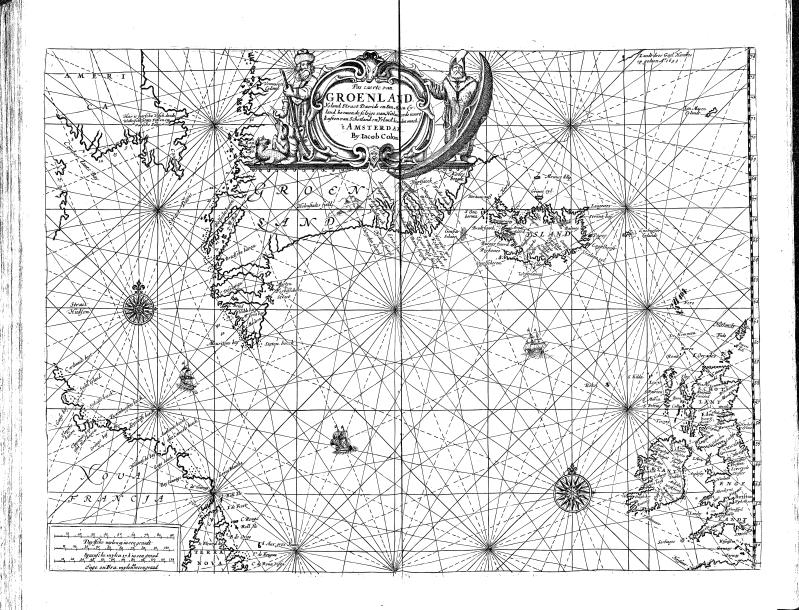
through divers channels to the fouthwards of Maggereu, and

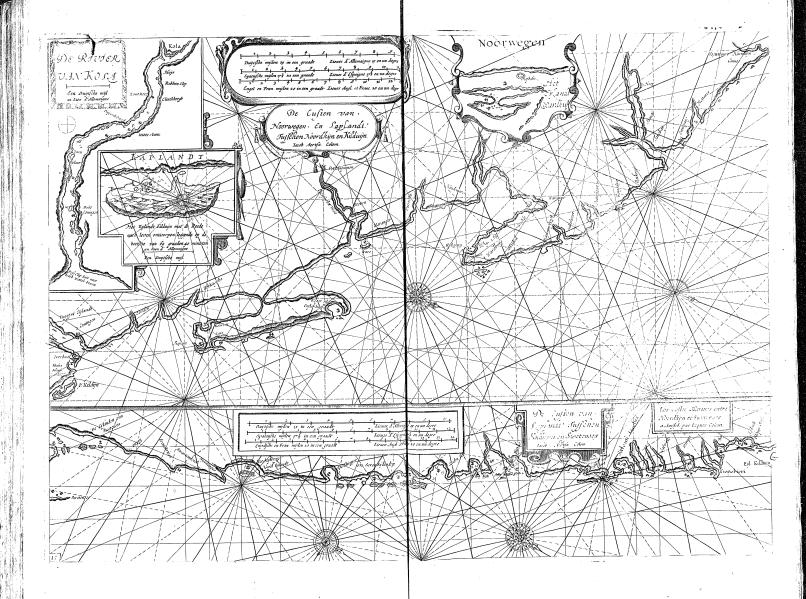
#### Courfes and Diftances.

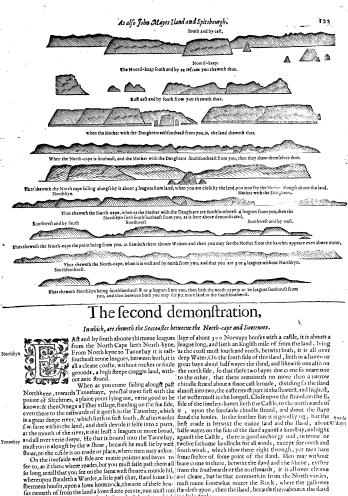
| From Ruft the Loffoert northortheast                     | 33 leagues   |
|----------------------------------------------------------|--------------|
| From Loffoert to Sanien northeaft                        | 26 leagues   |
| From Saniento Suyro northeaftand by eaft                 | 43 leagues   |
| From the Hand Tromfound to the w. cud of Suroy e.n.e. 13 | or 14 league |
| From the east end of Suroy to Ingen e, and by n.         | 7 leagues    |
| From Helmshuy to the North-cape e, and by n.             | s leagues    |
| From the North-cape to North-kyne and by fouth 11        | or 13 league |
| Heights.                                                 |              |

How these Lands doe show themselves at sea.









in behinde that point, and anckor before those houses, which is a little foule.

an anckor to feaward and a hawfer fast on the land.

the land off Matkorf, from thence to Wardhouse the Coatte to be one iland, are together not an English mile long, but high lieth foutheast and by east, southeast, and most foutheast and and rockie to see to, there lye also 2 or 3 rocks by them. by fouth fixteen leagues, betwitt them there is much high by fouth fixteen leagues, betwitt them there is much high ward by latendard. Halfe wayes betwitt often the careft Wardhoute, for little high by high hummore the high land to the careft wardhoute.

Moone maketh high Water. theth a high hommork upon the high land, to fee to like a callet a high hommork upon the high land, to fee to like a callet a high hommork upon the high land, to fee to like a callet a high hommork upon the high land, to fee to like a callet a high hommork upon the high land, to fee to like a callet a high hommork upon the high land, to fee to like a callet a high hommork upon the high land, to fee to like a callet a high hommork upon the high land, to fee to like a callet a high hommork upon the high land, to fee to like a callet a high hommork upon the high land, to fee to like a callet a high hommork upon the high land, to fee to like a callet a high hommork upon the high land, to fee to like a callet a high hommork upon the high land, to fee to like a callet a high hommork upon the high land, to fee to like a callet a high hommork upon the high land, to fee to like a callet a high hommork upon the high land, to fee to like a callet a high hommork upon the high land, to fee to like a callet a high hommork upon the high land, to fee to like a callet a high hommork upon the high land, to fee to like a callet a high hommork upon the high land, to fee to like a callet a high hommork upon the high land, to fee to like a callet a high hommork upon the high land, to fee to like a callet a high hommork upon the high land, to fee to like a callet a high hommork upon the high land, to fee to like a callet a high land, to fee to like a callet a high land, to fee to like a callet a high land, to fee to like a callet a high land, to fee to like a callet a high land, to fee to like a callet a high land, to fee to like a callet a high land, to fee to like a callet a high land, to fee to like a callet a high land, to fee to like a callet a high land, to fee to like a callet a high land, to fee to like a callet a high land, to fee to like a callet a high land, to fee to like a callet a high land, to fee to like a callet a high land, to fee to like a callet a high land, to fee to like a callet a high land, to fee to like a ca oft close by land, it femeths sit there where a great Sounde, should be supported by land, it femeths sit there where a great Sounde, where men might faile into Wardhoufe are three little ilands Sound and Rivers, among to there the River Pitting, which

About a shorte of a Cast peece northwardes from the grea-A little to the caftwards of Tannebay lieth the pointe, and tell, lye the 2 smallest close one to another, seeming a farre of

with some little rocks also by them, to the southermost is the is agreat faire and large River, where men may goe in with greatest of the three, which onely is inhabited, upon it is a vil- greate shippes, a good wayes within the river is good roade, fpeciall wares. Southfouthweft from the point off Kegor lie two llands, to the Southwardes of them men doe runne into moft or eaftermoft is the fmalleft. When as in failing up along (\$\frac{1}{2}\$) them were the most of the fmalleft. When as in failing up along (\$\frac{1}{2}\$) them were the most of the fmalleft. When as in failing up along (\$\frac{1}{2}\$) them were the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most of the most o Monnick-forde.

middeft of the Havens mouth : you must leave the suncken the roade, Rock, with the other Rocks on the starboard fide of you, and When you're somewhat past the Hand A you can not see vens mouth lieth in Southwest, it is there so good lying as in east side.

anie havens there abouts on the Coaft. The Danes cal this haven Eafter haven, there was wont to clean fand-ground. be the staple of the Fish, where everye one must come to buye:

It is indeede no iland, but very neare: it is fast to the maine land, with fuch a very small neck, that the Russes, which come the C standeth, then you shall see out a head a black blewe hil,

eaft and by fouth, fomewhat eafterlye nine or tenne leagues. described. This is a right plaine Coafte, without points or bayes, all a-longth by Laus to Tiepena, but the fouth pointe of Laus lieth it be against their wills) there feeme also to bee many bayes northealt doe blowe therein open , and make therein a very Klinck-hil, there is ground by the west shoare for to ankoriu, der, but all cleane rifing fandground.

riepens. hinde which is good anckoring for eafterlye windes, in cleane middle of the channel, until that you come against the Clinckfand-ground, but it is fomewhat narrow.

lie some little rockes, but you can not see them, before you ter is covered, whereof you must take good heed. be close them. Tiepena is a faire haven, when you come from the orthwards, you must runne so farre to the Southwards, by the west shoare, the Robben Iland is also covered at high stand. alongst by the shoare, untill that you see open into it, and saile Water, but when it is under water, then anckor thwart of the in amidif the Channell. When as you come from the South-burnt trees. Thwart of the Robben Iland lieth a very great wards, the Haven openeth it felfe, being come in , you must rock, as foone as you be thwart of the high land, looke out caedge up to the northwards, and anckor there, there you lie refull for it, and keepe without it, or to the northwards of it, landlockt for all winds, there are no dangers which may burt to wete a bow that, there is the roade, there you may anckor you, but it is over all cleane fandy ground.

caft and fourthfoutheast about 10 leagues. But Kilduyn and Laus dish Hommock, being come within it, you must edge to the lie S.E. and by S. somewhat easterly and N. W. and by north, westwards, so that the haven is altogether shut, and that you fomewhat weiterly, also to leagues afunder.

from Laus, or the fouthend of the Fishers iland towards the and somewhat oazie & softe, there you may also without seare River Southfoutheast and South and by East run about by the faile on against the shoare in the oazie, and so may save a shippe high land of Poden-wolck, and then the river thal open it felie without anckor or Cables. very wide. When you are by the point of Laus, you may fee the The Hand Kilduyn is about two leagues long, & one league Rilduya

fourh and by welt, & then fouthfouthwest, to that iland, which at some places norrower, but all over very deepe and cleane. standeth marked with A in the Carde of this, River, and then About the middest, yet nearest the east ende, is a faire close by little and little fouthwest and by fouth, alongst by the iland roade, betwixt two points, that lie out towards the maine land, marked with Bunto the Traine iland then fouthwest abd by there men lie under the lland, close to the shoare, before the west, and by little and little about the point west and by south, Laps tents, under the eastermost point, which is a low plaine afterwards in west, unto Divels point; over against it lieth the point, in twelve, thirteene, or fourteene fathome, sandground, White stone, which lieth upon the land, thwarte of it is good more to the fouthwards, it is very deepe, you shall soone have roade. From thence againe west and by fouth , west fourthwest; 50 and 60 fathome. fouthwest and fouthfouthwest unto Cool.

thence fomewhat further about the high pointe is a Bight or Channel beginneth to be narrow, yet it is broade enough for baye, and in that Bight a Sand-baye, where men may fave a to turne to windwards through, faile forth towards the fouthflippe without anckor or cable, that is a faire Saud baye, where caft end, untill you come in betwixt those two points, and run men may runne in all alongst.

cleane fand-ground, men runne in there betwist the two you lie landlockt for all winds, as if you lay within a towne in a For to fill pointes, but there lieth a black Rock in the narrow, betwixt close haven. both fine ares, which they must leave lying on the transparate fide, within that rock it is three and two fathom deepe unto weltwards by the east end, follong untill that you come by wards.

there is taken and laden must Sammon, but there fall no other; the strand, within there is faire greene field.

the river; you may come by these two foresaid little Ilands, Kegor is a faire haven, lying at the north end of the Fishers about halfe wayes to the Iland marcked with A, there is also iland, a little without the pointe; There lie two or three rocks good roade, at the west shoare, you shall see upon the high at the North-point of Haven, and also a function rock in the land three Warders, called the three Kings thwarte of them is Roade a

run in by the fouth shoare and edge then behinde the foresaid the river any more open, but it seemeth to be shut, and close, rocks, and anckor there in seven or eight fathome, the Ha for that Hand by A commeth then under the high land, on the

Under the Hand marked with B is also good roade and Roade.

Likewise is also good roade under the Traine Iland, that is thereof the iland is yet called, whereon Kegor lieth the Fishers reckoned for the halte of the River, to wete, off from the mouth of Cool.

When as you come now a little past the Traine iland, where from Kilduyn, or the River of Cool, and are bounde to the ricalled the Divels hil, it feemeth there to fee to, as if the River Divels hil ver Pitfing, doe hoe alongft within this land, and hale their where close and flut. It is beft failing alongft by the starboard boates over that finall neck, for not to goe about a feaboard. fide, there you have most all ground close by the land. There From Kegor to Laus, the course is alongst the shoare fouth- are many bights, points, and bayes, which are not all to be

outalittle, upon which thand two Warders, to the northwards and roades, and also some little Rivers. When as you come of that pointe is the haven of Laus, a faire sand baye, there is alongst by the Divels hill, where the D standeth, past the very good lying for foutherlye or casterlye winds , but not for White stone, then you may fee the Klinck-hil on the westfide, klinck hil northerly winds, the Winds betweene the northermoft and and almost all alongst unto Cook. When as you may fee the graet hollowe (ea, men lie there in twelve, tenne and eight fa-thome, according as they runne farre in, the farther the shoul-fo far into the place, where the letter E standerh marked, there er, but all cleane rifing fandground, From Laus a little towardes Kegor lietha little Iland, be-thowld which shooteth of from the shoare, and keepe in the hill, there you must againe goe close alongst by it, in the mid-From Laus to Tiepena, it is a great half league, at the point deft of the fareway lieth an lland of rocks, which at high wa-

by the shoare so showld as you please, it is there good lying, A little aboute the pointe, to the Southwards of Tiepena, and there you begin to fee Cool alongft by the house. Betwixt which is on the Southwest side, of the Fishers Hand is another the Hand Kilduyn and the river of Cola, somewhat nearer the taire haven, where men may goe to aukor, called Kowens. river then the iland, lieth a haven, called Bliefna Silenfi, that is Bliefna fie From Laus to the river of Cola, the course is south and by to say, the nexte to Silensi, there you faile in by a round red-lense, can fee no fea, you may anckor there fo deepe or should as you The River For to falle up into the River of Cool or Cola, you must goe will, it is there every where cleare & cleane white fandground,

iland kilduyn, and the river of Coole, or the land by it. Be-broade, and lieth westnorthwest and east southeast alongst the land, like as also the channell betwixt the iland and the maine twist Lans and the River of Coole, is also a great baye.

Land, like as also the channell betwist the iland and the maine
When as you are in the mouth of the River, it heth in first land, which is at some places about a halfe league broade, and

If you will goe to anckor under Kilduyn comming from the For to fill When as you com into the river, and will feeke roade there, northwards or the westwards, then run about by the west shook in the Aver, you must keepe along they the west shooks being somewhat in betwixt kilduyne and the maine land. When you are come down from you mult keepe along the welt shoare, being somewhat In betwitt kilduyne and the made hand. When you are come as within you shall see a little iland lying close by the shoare; from somewhat within, you shall step a little round lland, there the wards. to the forefaid low point, and anckor there within the bight, Along fiby the north fide it is five fathome deepe, and before the Cabbens so neare to the land as you please, there

bothsheares, which they must leave lying on the starboarde | For to faile in from the eastwards, you must faile in to the days for

fathom, that is the chieffest roade,

At the north and east end of Kilduyn, betwixt the Hand and over good anckorground. the maine land, there is also a very good roade, in eight, tenne or twelve fathom, where men may lye sheltered for all winds. the llands, or rock, somewhat high, about which you may faile Thereabout is on the lland a good water place, there the Wa- within, to wete, through betwixt their rocks and the land, but ternommeth running of from the high Land, there men may goe lye by it, and fill ther caske lying in the boate.

Yoy may also ankor under the maine land, betwixt the narrow, and the Roade of Kilduyn, at the place where the anckor Standeth marked, in the Carde, At the cast end of Kilduyn lieth Bay, standeth 3 great Warders, and a little to the Southwards alfo a Fishers village, called Kammen, at a high point, which of the Hands, on the maine land, lieth a steepe hill, by which is called the Sacrifice point.

From the Hand Kilduyn to the point Tiribiry, the course miefna duyn lieth a high iland called Bliefna, Olinie, which is next or for thefe forefaid great Warders, leave them on the ftarboard Thips may lie verie well.

very good to be knowne, upon which flandeth a high croffe of true cooles one above the other to the northwards of two.

When you come before the channell, it feemeth to be very two croffes one above the other , to the northwards of two croffes lieth a flat point, thwart of it lye fome Rocks alongft the shore, which at high Water are covered.

well by the breaking of the Water.

rock not farre from the Land, and also to feawards from it a not goe over it. funcken rocke, which you can not goe over at low Water.

you must not run past the crosse, but leave it on the larboard doth almost run along it over it. fide, and faile in close by it for to avoid the foresaid rockes, Behinde this Iland, not under the Iland, but under the maiwhich lye off from the flat north point, the point with the ne land, are good roades, Criffie is very cleane and fo fteepe, that you might lye with a For to come in from the Northwards behinde this Iland, it thip on against the shore without any hurt.

is before aid.

Men doe anckor within the point in feven, fixe, five, foure, and three fathom, fo deepe or flould as they will, there can no grown fea at all.

About halfe waves betwirt the lland Olinie and Tiribiry is uorthwards of it men doe anckor in 6,7,00 8 fathom. another haven or great Bay, where men may lye landlockt for

Tiribiry is a great River and off-water, where is a great the point of the main land into a Bay, and anckor there in Sammon filling, there men mad goe in with great shippes, and eight, fix, five, or foure fathors, according as you faile fat in. anckor every where within it where they will in good fandy-ground, it lieth in most fouth, and afterwards more Welkerly, land, it is all cleane and flat rifing ground, but under the Hand the eathermost point lieth out more to Seawards then the is deepe, and the ground rising very fleepe, and therefore it other, fo that it maketh a Bay, where men ride under for a is not good anckoring there. northwest winde.

which is a great fand-bay or haven, which at the mouth is nar- feven, and fix fathom. where is also much Sammon caught.

Water and cleane ground.

them is also good road.

ne maketh high Water on this Coaft.

In the mouth of this haven lie 3 Hands, two on the Northand anckor there on the north fide of the haven, there it is fe- neth no more then 9 or 10 foot deepeven and eight fathom deepe cleane ground.

Daefna that is to fay, the farther Salenfi, but betwixt them both a litle twixt that and the point of the maine land, lieth in the Souther

the forefaid low point of the Hand, then edge up about it to to the northwards of Salenfi, lieth yet a great indraught which the northwards, and runne into the forefaid hight, before the lieth in at least two leagues into the fand, and is about fo wide Cabbens, and anckor there in twelve, thirteene and fourteene as the River Tye before Amsterdam, there may lie a great multitude of shippes, it is there broad and large enough, and al

A little to the northwards of this in-draught lieth a little may make no roade under them.

Salenfi Daelna is a great broad Bay, before it lie 3 Hands, Daelna which are to fee to gray of colour, as the mame land.

To the northwards of these Hands upon the point of the marckes this Bay is very good to be knowne.

If you will faile into this Bay, comming from the North-

is foutheaft, and foutheaft and by eaft about five leagues, be wards along the flore by the forefaid great in-draught, a twixtthem is a great Bay. In this bay, a great league from Kil- little to the Northwards of this Baye, you must looke out the nearest Olinie, behinde it, under the maine land, nearest fide, and faile in close by them, through betwixt that point the fouth end of the iland is a good roade, where three or four and the Ilands, first Westfouthwest, somewhat within, and then more Southerly, untill behinde the Ilands, and anckor There lieth a round hill, or high Hommock upon the maine there in five, fix, or feven fathom : you may alfo faile further land, which sneweth out above all the other hommockes, and is to the Southwards into the Baye, so deepe as you will, there

narrow, but it is broad enough.

To the fouthwards of these Hand is also a channell which is A the fouth end of the lland Olinie, a litle from Land, lieth very narrow, but yet for need you may faile out there. The a rock almost even with the Water, but you may alwayes fee it Southermost Hand, that is, whereupon the Fishermen dwel, is fast to the Northermost with a showld, whereupon is at high To the northwards of the Hand about an English mile, lieth Water ten or eleven foot Water, but at low Water you can

Two little leagues to the Southwards off Salenfi liath the Daelos He that will (comming from the northwards) goe to ankor Hand Daelna Olinie, that is to fay, the furtheft Olinie, it is an Olinie behinde Olinie, must runne a good wayes to the castwards off Hand almost of Fashion like Bliefina Olinie, at the North end this forefaid rock along it to the Northwards of the Hand, for high, at the South end lower, and upon the end very fleepe, it to avoid the forefaid rock. Beinh come behinde the Hand , hath in the middeft, (but fomewhat neerer the Southend then you shall efpy the forefaid round hommock with the Crosse, the North end) a low Valley, where at high Water the Sea

is a broade, large, and very deepe channell, without any dan-He that will come into this Roade from the fouthwards, let | gers, but if you will faile in behinde it (from the Southwards) him run alongft by the coafte, which is very cleane, untill past then you must runne in close by the Isand, for to avoide a foule the forefaid point with the Croffe, and edge up close by it, as and ftony riffe, which lieth off from the mayne land, halfe wayes to the Hand, and fo should that it falleth dry with the fpring tydes at low Water.

About halfe wayes the Iland, nearest the South end, is a point, lying out from the maine land, towards the iland, to the

When you come in from the northwards, you may (fo foone as you come within the points ) luffe up towards close about

Betwixt this Hand Daclna Olinie, and Silenfil, lie 3 little Two leagues to the fourthwards of Tiribiry lieth Waronia, black ilands, where is very good road under them, in eight,

row, but within it is a broad found, there is also an off-water, From Daelna Olinie to Rinde are five leagues. Rinde is a Rinde. very faire haven, before it lie foure little llands, where men Within this bay it is every where good anckoring, thowld may goe to anckor behinde them, behinde these Ilands this Varer and cleane ground.

Haven hath two Bayes, upon the point betwist them both Before the mouth of this haven lie 3 little lland, behind thandeth a great Croffe, the fouthermost baye is farre the greater than the between the point betwist them both thandeth a great Croffe, the fouthermost baye is farre the greater than the between the point between them both than the both a great Croffe, the fouthermost baye is farre the greater than the both a great Croffe, the fouthermost baye is farre the greater than the both a great Croffe, the fouthermost baye is farre the greater than the both a great Croffe, the fouthermost baye is farre the greater than the both a great Croffe, the fouthermost baye is farre the greater than the both a great Croffe, the fouthermost baye is farre the greater than the both a great Croffe, the fouthermost baye is farre the greater than the both a great Croffe, the fouthermost baye is farre the greater than the both a great Croffe, the fouthermost baye is farre the greater than the both a greater than the both a greater than the both a greater than the both a greater than the both a greater than the both a greater than the both a greater than the both a greater than the both a greater than the both a greater than the both a greater than the both a greater than the both a greater than the both a greater than the both a greater than the both a greater than the both a greater than the both a greater than the both a greater than the both a greater than the both a greater than the both a greater than the both a greater than the both a greater than the both a greater than the both a greater than the both a greater than the both a greater than the both a greater than the both a greater than the both a greater than the both a greater than the both a greater than the both a greater than the both a greater than the both a greater than the both a greater than the both a greater than the both a greater than the both a greater than the both a greater than the both a greater than the both a greater tha teft, into it commeth also a river, or off-water, where men doe Two leagues or two leagues and a half to the Southwards of carch Sammon. The middlemoft illand (which is the norther-Waronia lieth a Gabriele, a tyde haven, which fulleth dry with- most fave one) is the greatest and highest upon which standeth in, fothat men may goe over there dry at low water, it flo- a great Warder, the northermost is somewhat long and small, weth there twelve foot up and downe, a Southfouthwest moo- and so low, that at high water the sea runneth up a good wayes upon it on both fides, and fo maketh the iland fmaller.

Betwixt that Iland and the maine land, or the north shore off fide (which are the loweft) and one in the South fide, that is the Havens mouth lieth a funcken rock, which you must leave, the highest, you must runne neerest the Southermost when as in comming in, on the larboard side, and runne in close by the you will faile in there: being come within the Hands, you must main land, this channell is so narrow, that you can not faile it edge up to the northwards behinde the 2 northermost Hands, in, except you have a large winde, at low Water there remai-

To the Southwards of that great Hand, lieth another Hand About a league to the fouthwards of it lieth Salenfi Daelna, that is indifferent high, and the fouthermost of them all . be-

rock which lyeth at the forefayd point of the maine land.

These channels both from the southwards and from the in the bay over against it. northwards lye in both along it the shoares, when as that you Betwixt this great sland and the Coast is about two third come then within the Ilands you may anckor there all over parts of the channel towards the main land, flat rifing ground, where you wil, there it is broad and large, and every where and the other third part towards the iland Deepsthe nearer the cleane and cleare. Men doe anckor commonly under the greatiland the deeper unto 18 and 19 fathom. teft Iland thwart of the great Warder, and also behinde the About halfe wayes betwirt that foresaid litle roundiland. northermost lland in five, foure, or three sathom, there it is and the north point of the greatest illand, stand on the mayne very good lying, but with a fourheaft winde, the fea commeth land fome litle Lappish houses, or a litle villagea litle rowling in, but there can goe no great fea.

what round, you may faile out and in betwitt the fouthermost commeth in a rowling lea, but with northerly winds it is very and the greatest lland, alongst to the northwards of that little good lying there. round land, that is you leave the foundement land with the outermost little round land both on the flatboard fide, and the fayle out, this is a verie narrow channell, but verie cleane and lying, that bloweth there in open through betwixt the fourth cleare, fo that there is a very narrow channell, but very clea- and fifth iland. leffe it is not good to use it; except it were for need that you is good road in 12, 8 and 4 fathom clean rifing ground, but

men can hardly fee them, when they be any thing of from the land is high, and goeth downwards low towards this point, al-

A halfe league to the fouthwards of Rinde is another great them, and ancker where you will in fifteene, twelve, eight, or northward or to the fouthwards of this black point. five fathom, deepe or flowld, according as you fayle farre in, A little to the northward of this haven lyeth a low long fland wards, you can not come in there behind it. close to the shoare whereby you may also know this coast, you may fail throughetwist this forefaid iland and the maine land without any danger.

From this haven to the Seven Hand are foure great leagues. A litle to the northwards of the end of the Seven Hands , lieth it a faire great fand bay, where is also good anckoring for foua northeaft or fea wind , it is bad lying there for there is no under it you may make roade for foutherly Winds. shelter for them, men doe anckor there in twentie, fifteene, or twelve fathom, according as they lye far or neare to the shore. The Ruifes call this Bay the Golden Bay, because the strand is of red fand.

On al these foresaid coasts a southwest and northeast moone maketh high water, like as on the former.

Golden-

The Seven Hands lye of them along it the shore, the first or northermost is farre the greatest of all, a high Hand. The 4 northermost follow close one to the other, and lie about an Englifh mile, or a flot of a cast prece, a litle more or leffe of the land fo that men may faile there through betwixt. The s is a litle round Hand, and ligth nearer to the land, there you can fame llands everie where, except betwixt the fecond and third then the llands. to then of from the northwards, betwixt them it is foule.

Betwixt thefe Seven Hands and the maine land, goeth strongh tyde, as well of flood, as of ebbe, where of men must be very carefull.

Betwist the northermost and the maine land is a good road (thwart of the fouth end of the iland) under the maine land, there is a faire fand bay, with an of-water, where is much Sammon to be caught, but is not there used.

fandground, rifing to even as if it were planed.

channell, which is broad and deep enough, but when you faile the fourth point of the Iland, thwart of a little bay, there they in there, you must run nearest the Iland, for to avoid a suncken bring a howser on land, & an anckor to seawards in nine tenne fathom, there they lye fomewhat more out off the tyde then

Betwixt the fecond and third iland, or nearest thwart of the second & Farre within the fouthermost bay, all most before the river, second, to tell from the northwards, lyeth yet a litle Village, third iland lyeth a rock, but above Water. Without the greatest and the thwart of it is a bay where men may ancker in tenne or twelve fouthermost Hand, lieth also a little Hand, or great rock, fome- fathom all cleane fand-ground, but with a foutheast wind there

greatest iland with the Warder on the larboard fide, when you northwest or north wind, but with an east winde it is there bad.

cleare, to that there is a very narrow channell, but very cleane and cleare, to that there is nothing to be avoyed, but onely
altie funcken rock, which liet at the north-end of the outermost litle round iland, and falleth dry at low water, neverthemost litle round iland, and falleth dry at low water, neverthemost litle round iland, and falleth dry at low water, neverthemost litle round iland, and falleth dry at low water.

with a n. e. wind it is bad lying there, that bloweth there flat in. He that is bound into this haven, mult run clofe alough by the thorse for to get fight of the forefayd ilands, for by reafon in the forefayd ilands, for by reafon in the forefayd ilands, for by reafon in the forefayd ilands, for by reafon in the forefayd ilands, for by reafon in the forefayd ilands, for by reafon in the forefayd ilands, for by reafon in the forefayd ilands, for by reafon in the forefayd ilands, for by reafon in the forefayd ilands, for by reafon in the forefayd ilands, for by reafon in the forefayd ilands, for by reafon in the forefayd ilands, for by reafon in the forefayd ilands, for by reafon in the forefayd ilands, for by reafon in the forefayd ilands, for by reafon in the forefayd ilands, for by reafon in the forefayd ilands, for by reafon ilands, for by reafon in the forefayd ilands, for by reafon in the forefayd ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for by reafon ilands, for that the innerland is high, the ilands lye fo under the land, that fo called, because it is very black to see to, there within it the

At this point the land beginneth to alter in forme to the Bay, or haven, before it lye two litle high I lands upon the northermost standeth a great crosse, you may sayle in there about wards of it all low and even land, so that thereby you may on both fides of thele lide ilands, and alfo through betwire know (when you faile along fi this coaft) whether you be to the

A litle to the northward of this point lieth a high and great Noock At the tations, deepe on income, according as you make tatter in a land a halfe league long, which the Ruffes call Noock Oftro-Odrove, & lwe there flectred for all windes, but when the winde is harde out of the fea, thwart upon the shoar, there wil com in somwhat ve, which is the Nayle iland, behinde it is very good roade, a rowling lea, but there can goe no great fea that can burt you. you must run in there from the fouthwardes, from the north-

The north end is fast to the maine land with a bancke or strake of fand, which beth most part above water , you may faile in there so far behinde it, as you will, and anckor in ten, 8, 6 or + fathom, the further that you faile in the fhoulder it is, there it is very good lying, and sheltered for all Winds.

From the Siorneros, or the black point to Evanekrift, it is Evanekrift therly and foutheast windes, but not for eatherly winds, with fouthfoutheast 4 or 5 leagues, that is a point with many croffes,

From Evanekrift to Kletna are yet three or foure leagues, Cletna. this is a pointe whereupon frandalfo many croffes, it lieth out a litle but not fo much as Evanekrift, there you may have also road for fourherly Winds, but not for Seawinds.

From this point to the ilands of Swetenoes or Iockena, it is Jand off two leagues, there are 6 in number, whereof the five lie along t tockens. the shoare about the space of two leagues, the fixth lieth within the other, thwart of the fouthermost of the five : The three northermost lie one by the other, as also the two southermost parted afunder from the other three the northermost off all these ilands of lockenalieth from the point of Swetenoes due Swetenoes West 3 leagues, behinde it is good roade thwart of the south not runne through within it, which is faft to the land with a cnd in five or fix fathom. The point of Swetenoes is a flat point flould of rocks where of fome lie above, and fome under wa- lying out to the Westwards oft it, at the end of those foresaid ilands, goeth in the river of Iockena, where is a great Sammonthe fifth; betwist them and the maine land you may also faile fishing. When you are by Swetenoes you can see little persections. through, you may also more through in and out betwist these He that commeth from the northwards, and is bound in to For to fail

Iockena , must runne close alongst by the shoare, for to get into the fight of these ilands. Through foure severall wayes you may tockens. faile through these ilands into the river of Iockena: First comming from the northwards, you may faile alongft by the shoare, through betwixt the shoare and the ilands, (which you leave then all on the larboard fide) into the river.

The fecond paffage lieth in through betwixt the three nor-thermoft, and the two fouthermost ilands, that is a broad, wide A litle to the northwards of this Sand-bay lieth a litle iland and deepe, and also the best channel of al, it lieth S. West, and betwixt the great ilend and the coast, mendoe anckor to the fouthwest and by West from the point of Swetenoes, and lieth S, wards of that litle iland, thwart of the fand bay in feven, fix, in most fouth, when you faile in there, you must runne nearest five, or foure fathom, fo fhould as they wil, there is a very even the fouthermost ilands, because of a funcken rock which lieth in this channel fomewhat of from the third iland, at high Wa-Over against the foresaid bay men may make road under ter you may run over it, but not at low Water.

The Sea coasts between the North cape and Swetenoes.

which lieth within the two fourhermost, you must run about through at high water betwirt the northermost Hand, an the by it, leaving it on the larboard fide, when as you are then a fecond and likewife also betwirt the second and third, but if little pall that innermost Hand; you come against the high you can be any means doe better, it is not good to doe it. point, and faile in along t amidt the channell, betwire both Men may anckorat divers places within these Hands. Belands, there it is should water, to wit, five, foure, three, to twixt the two southermost Hands, and the innermost Hand, two fathors and a halfe, but you my faller in another the control of the form of the fathors and a halfe, but you my faller in another the control of the fathors without feare, all along the total cappillonders, where the Sam-fate from I co-drifts out of the fea. Within the internool than omnifibing is, and another there all on the middleft of the Ri. You must also another over against the from the other internool than the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the ver, thereabouts lye fome (uncken rocks, which at low water the steepe point. At the rivers mouth, on the west shoare is a are uncovered, whereof you must take heed.

open before the forefaid channell.

Betwixt the two fouthermost Ilands goeth also an indiffe- halfe up and downe. rent wide channell through, where men can fayle in, and fo come on against the invermost Hand, which you may fayle about on both fides.

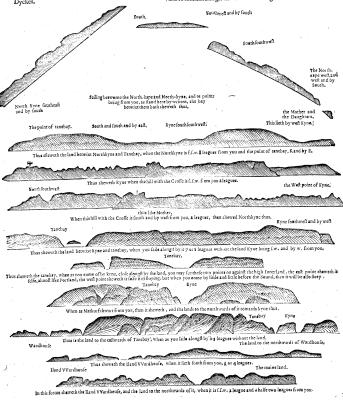
Betwixt the Ilands and the mayne land, you may also fayle through, but that is a very narrow Channel, men fay-

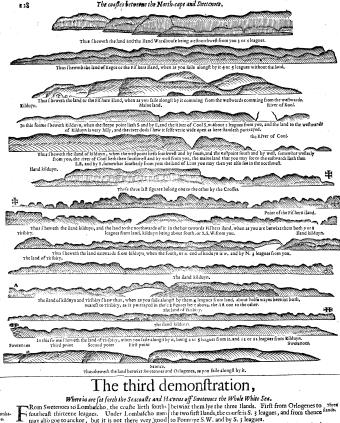
Being come within these Ilands, you shalfee the fixth Iland, | For need, or if it were in extremity, you might also sayle

bay where you may faile in, and anckor foneere to the shoare For to have the right knowledge of this channell, you must as you will, in fix, five, foure, and three fathom foir sticking looke out for to high point, which lieth at the weft point off ground, there you lye fafe from Icedrifts. You may also anckor the river, within these llands, when that is behinde the fourth on the cast fide, right before the steepe point, but there you Iland (to reckon of from the northwards) and the point of Swe-lye not fafe for ice that commeth out of the river. The tyde tences is northealt and by eaft from you, then you are right here along the the Ellands, a great neere with the tyde of Swettences is northealt and by eaft from you, then you are right here along the fell lands, a great neere with the tyde of Swettences. tenoes, it floweth the fpring tydes neare to two fathom and a

> Behind the point of Swetenoes you may run into the Bay, and anckor there for a north, northeast and east winde, there is cleane ground.

At Kilduyn an E.S.E. Moone maketh the highft ;water. Alongst these coasts of Lapland to the eastwards of the N. le through it, as if they fayled in alongit a ditch betwirt two | Cape, the flood commeth out of the northweft and N. N. W. and fo runneth alongst the land unto Orlogenes.





may also goet oancker, but it is not there very good to cleane, and when the winde out of the Sea, comment in the cleane, and when the winde out of the Sea, comment in the else of the three flands, for that the two and the third yeabout two rowling very much. The lying of this roade flandeth drawnel

out at large in the Card, with the depths fet downe as it is at high water and neepe tydes: the water falleth and floweth there at least two fathom up and downe, and at fpring-tydes little shoare, thwart of them you may come neare to the shoare in 7 leffe then 3 fathom, or 2 fathom and an half fathom without danger.

Within the point, or in the bight of Lombascho you may Thwart of these three Ilands, and Ponnoy, the mouth off not anckor, there remaineth not above 3 foot water, and the ground is flonic and foule.

About 4 leagues thwart of to fe

About 4 leagues thwart of to feawards from the 3 Hands in grounds frome and one.

To the northwards of Lombatch oly 2 flands lying along the coaff almolt halte wayes to Swetences.

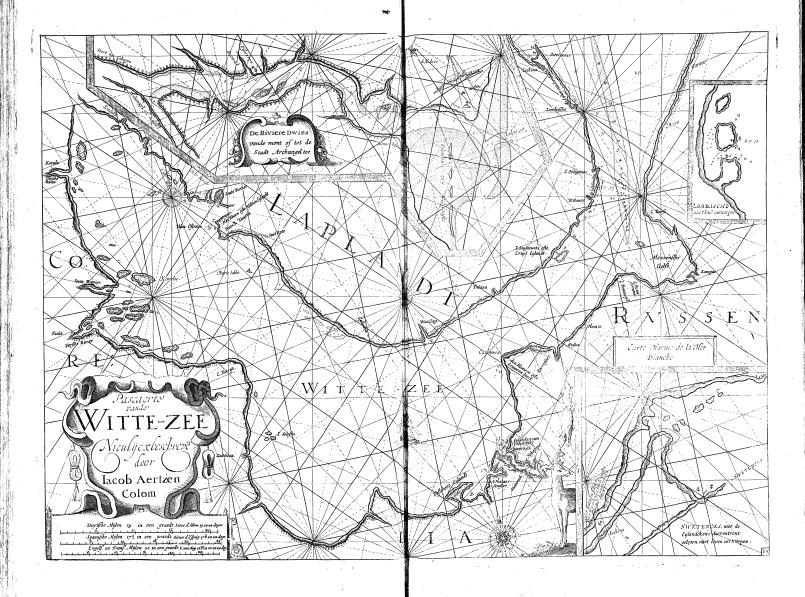
Three leagues to the fouthwards of Lombatch o, lieth a dlowy, and at fome places with low water commeth dry above water, it leth fouthand anoth, fifth ourth along the black free point, until there the coaff lieth of from Lomba coaff, at laft northnorthweft until I thwart of Lombafcho, but Orlogo ficho alfo S.S.E. but from that point to Orlogenes, the courfe is there alongft it is deepe enough, 15 and 16 fathom. About S. S.9 leagues, betwirt them there is no place where men may E. from Ponnoy it is at the shouldest seven fathom deep. You

may also saile alongst to the eastwards of this should into the From the point off Orlogenes lieth of a tone-riffe after off white fea, but there it is flould water, uneven and very flould, a cast perce into Sea, which fallesh dry a great wayes at low The right sareway is along it to the westwards of it, and five and twenty fathom deep.

From Orlogenes to the river of Ponnoye, it is five leagues: Ponnoy is a River where at low water remaineth no more

water, whereof men must take very good heed.

anckor, but all alongst a Whole coatt, cleane and steepe.



up and downe, and with an ordinary tyde 15 foot.

me, doe milaken oftentimes for the croffe iland, but it is much reach, for the well fide is deepe enough, and at fome places fomehualier to fee to. When you doe get fight of that point, there fie- what fort ground, but the ealt shoare is full of rocks. whiler to fee to when you not get him to find point, there had, with by it as if there is you hip to before the land with the topmalf. When any one grapht the buyes, then you mad keep of againe, which is there is you hip to be the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the to be knowne one from the other.

you may jan to be mount, as we from the towards it, are you lee the towne of Arch-Angel, then falle right towards it, anche wards, it is there cleane & cleare every where, men doe a. e.kor, that ti at you lee the towne of Arch-Angel, then falle right towards it, anche the great croffe doe fland from theme are, there is the right ro. d. but avoid the point on the larboard fide, for it is foule.

alio another, upon which the town Slowoda lieth.

it is all a faire ftrand.

formings very drong currents, especially in the spring, throug the S.S.E. somewhat southerly from you, then you are at the end of al terrible great helluts, of the melting of the flow, which fallet from the shouldes, and may goe your course through the Sea, where you bothilds into the white-fee, & runneth through this frait into the please, no flowlds fixell hinder you. fea, with great whit ing and terrible riplings. It happeneth fomtims From the Barre of Fodeficmske, or from the river of Arch-An-8, NJ

no more but item the tyde, whereof men must be mindful. northeaft winde commeth from the point the ground is there rea-fler of S. Nicolas, but that is followed a river that no flips can goe

ionable good, but not the cleanest. fathom along it the sheare, not farre without the land, where some-, main land, This lad lieth of from thence to the C. Onega w.& by n.

times the current falleth over, with great riplings. then you are open before the mouth of the river of Arch-Angel. from the shoare as you will.

incomparing the managers amplitude which with them, multiple of fathion like the 3 hilles by Bayonne in Galicia, to the N. wards there for landful, keeper them for Banding and faller light with them, multiple of fathion like the 3 hilles by Bayonne in Galicia, to the N. wards when for for the true wood within come minwayes in the middlemoft Podef of it are white fand hills with trees upon them, leven by well the 3 well as the middlemoft Podef. lenske, goe on then I w. & by I & f.w. for to fail a weather of the tail forefaid hommocks goeth in the river. or should, which shootest of from the cast shoare, when as then the For to saile from Warfiga to Ombay, the course is alongst by the are, when the wood cometh halfe wates betwirt the fouthermost& fome baneks, whereof you must take heed, the middlemost Podessenske, when the point of the southermost The point of Taura is a high sleepe point full of trees, to the e. Point w.umil that the freeple of S. Nicolas come a finis length by w.the fate a great Ape upon it, this rock the Rufles call Tourie Babbe Tour Croffe faudhil, then further take the founding of the w. floare, & that is to fay, Grand-mother of the point.

The foundation of the founding of the w. floare, & that is to fay, Grand-mother of the point.

The foundation of the point of the point of the point of the point of the point.

The foundation of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point of the point o going of from it, untill that you come thwart of the white place, or ven and foule ground, where you may not ancher not have roade, right to the point of the wood on the e. shoare, add on f.e. in alongst point in the bight, there it is should, but by the point it is deepe, by the east land, close along they the shoare, but thwart of the 2 L there you must anckor close by the land. by the east land, close along it by the moare, but thwart of the 2 is there you must award close by the land.

I there you must award close by the land.

Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutchmen Offrow, by the Dutch go alongft by the e.fhoare, until that you come by the first river on course is N.N.W. 2 leagues. the larboard fide, edge then again to the w.fhoar alought f.f. w.until Betwixt the Iland and the land of Tauria lieth alfo a little Iland, you com to the bight, there it is showld water on the east fide.

wards caft and by S. towards the Sconercach, fail through there, thom, then you lie with the ship, (whed he lie wended to the Hand)

then ten foot water , it flowerh there with a fpring-tyde 3 fathom a middle the channel, along the buyes, which lye in the middelt of the deepe, it is on both fides of the buyes uneven and rugged.

up and downs, now with an occurry type 2 1000.

From the three flands to the lland Southowits: when men doel, and the crost leads of the lands of th f.w. to leagues, or from Ponnoy 9 leagues, Al along t this coast men the land, at the northend, or W. end of the frone-reach, thware off may anckor every where in 8 or 9 lathon, and with contrary winds that forefaid honfelyeth a great flone under water, which you may they the tydes, there goe firing tydes (especially in the spring) off saile about on both sides, it lieth about the middelt of the fareway, the years of an Eb. Between the 3 flands and the croffe fland lieth a as you come failing on, men faile commonly about to the w. wards pour, upon which fland also 3 crosses, one by the other, which of it, all alongst by the west shoare, like as also through the stone-

and upon the South end three, by althese markes they are good end or the stone reach, but that is or late yeares altogether skoured away with the Ice. When as you are now through the ftone-reach, Behinde the Crosse-lland you may have road in 6 or 7 fathom, the course is first S.E and afterwards se and by fourth you come in you may fail in behind it, as wel from the n. wards as from the footh the bight, then goe on e. f. e. and keepe yet to the w shoare, until

the great from one main from controlled networks and regarded.

Southeast and by fouth from the 3 lands, and Palmoy on the For to go from Arch Angel futher up the river to Kolmogro RedSoutheast and by fouth from the 9 lands, and banch comment it is about 2 or 13 legges and foutheast, but the River musch madifficult for the river and the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the red for the

a great river, where men may go up to Kilda, and Kolmogro, and u, wards with many croocked bights. For to faile out of the river of Arch Angel, then run out by the Forto S.E. from Ponnoy lieth a litle Hand in the mouth of the Mefeens footiltrand, and keepe the founding of the w. shoare. When as you fail golf, where you may have road under for wellerly and S.w. winds. begin to fee the fleeple of S. Nicolas then bring it a flips leng h to med The Spoint of this golf is a low fandstrand, algrown with trees, the fecond or middle most Podessemske, there lieth a black hom-given there you may also anker alongth by the flore, but close by the mock upon the strand. The N. side of the wood within; cometh landiff you lye somewhat of from the shore in 9 fashom, there the t en over that houmock, then goe on the N.F. and by N. and N. ground is fould, from thence a ong fell of floare to the blewe point, N.E., towards the Podeffenskes. When as then the wood within cometh to the N. fide of the fouthermost of the two woods, upon From the croils illand to the blew or gray point, the courle is f, the middlemost Podeffemske, then you are upon the flowldest off w. 20 leag. In this fareway in the mouth of the white feathere goe the baare, but when the point of the fouthermost Podelfemske is

that the current runneth there fo terrible firing, to the w.w.rds in gel to the reade of S. Nicolasit is 4 leag. There flandeth a beacon colas to the fea, that with a reasonable gale and sull say is, mencan doe at the end or the sland, where the English house standers upon, by w. that beakons is the roade for the English ships, in 6 or 7 fathom, ac-Under the graypoint men may a ickor on the fouthfide, in ten, cording as they lye neare or far from the floare. The linglish River seglis Point, eight, or feven rathom, there it is good lying for eafterly winds, a litch in there E. N. E. and N. E. and by Eait, alongft by the Cloy-River into it, men must lade them without with Lodges.

From the gray point e wards to the Meleensgolf the coaft is all About f.w.& w & by w from the barre of the river of Arch Anfaire fanditrand, with fome bancks of a fathom and an halfe, and 3 gel lieth the Salt Hand, upon it flandeth a Cloyfter, & is faft to the

From Croffe-liand to Warfiga, the courfe is W.S.W. and W. & warfi-From the blewpoint to the river of Arch. Angel, the course is S by S. about 24 leagues. Warfiga is a village, lying on a river, whe-From the bleepoint to the river of Arch. Angel, the course is 51 by 5. some 44 seagues, warriga is a village, 1 jing on a river, where & by w. 13 leag. When a vyou fall for towards the rivers, you fill all reis a hammon-filling, which lick this took into the provides within the institute of the classification of the classification of the standard of S. Nicolas, land, you cannot come into the river with flippes, there is no mother than the classification of the standard of S. Nicolas, land, you cannot come into the river with flippes, there is no mother than the classification of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the standard of the it arrifeth is a long thrake, & then there rifeth more land towards re then 8 or 9 foot water, but mult flay without in the roade befothe rivers, as if it were a round lland, afterwards you had fee the fee- re the river, there is cleane fand ground, without any foule ground, ple of S. Nicolas, when that flandeth f. & by w. & f. f.w. from you, fo that you may anckor there without danger , fo neare or farre

If you will falk in there, then bring the flee plot of S. Nicolas a flap inggit and balk, or a flap lengt to the E wards of the crof-

wood wit in (that is the wood upon the n.e.point of the river) co | coafts a little well, w. and by n. and then w.n.w. afterwards the most meth to the fourneamost of the 2 woods, which stand upon the mid N.W., unto the point of Tauria 36 or 37 leagues. About halfe wadlemoft iland or the Podesses, then you are in the mouth of the yes betwirt them , well so neare Warliga as Tauria lieth on the channel, right upon the flouddeft of the bac the markes of the taile coath a high barre hill, thwart of it and to the westwards of it live

Podellemske Is f. f. e fomewhat fourherly from you, then you ar. wards of this land, the point falleth away into a great Baye farre a - 08 Taurl without the point of the w grounds If you bring that point no mo- long ft to the e.wards. About 5 leagues to the e. wards of the point re eatherly from you, you can take no burt of that point. When you of Tauria, lieth a rock, a good wayes from land, with is not very are entired the channel, then goe, as is beforefaid f. w. & by f. and f. great, but very good to be knowned, if the weth a faire of, as if there

spot, on the w. shoare, about the place where it standeth marked in but to the eastwards of the point Tauria you may anckor for wethe Card with A. Edge over then from thence e. & by f., & c. f. e | therly and northealy windes , fomewhat to the northwards of the

eshoare formwhit foule and should, whereof you mist take heed, but called the Reeme land. From the point Tauria to that Hand, the ve

betwixt thefe 2 Hands, you may (for need) faile through with a fhip, When you are come in the bigt, then goe on B. S. east, and after-but it is very narrow, at the n. e. point of Oltrove is roade in 30fa-

is eight fathome, fo very fleepe and rifing is the ground there.

From Volna, Oltrove, or the Reeme Iland to the Gouda that had is the Salt river where men doe lade, lying a half league by E. Omittee, bay, the courfe is n.n.e. three leagues which lieth in north and N. and by B., it in not very broad but deepe at the comming in it is lead, or undertaken, for to dictover, and to find a way, for to padie in the middle to a mid-dely than free white me of fathing the leading to the middle to a mid-dely than free white me of fathing the leading to the middle to a mid-dely than free white me of fathing the leading to the middle to a mid-dely than free white me of fathing the land to the new dely fathing the middle to the middle to the mid-dely than the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle to the middle the middle to the middle the middle the middle the middle the middle the middle the middle the middle the middle the middle the middle the middle the middle the middle the middle the middle the middle the middle the middle the middle the middle the middle the middle the middle the middle the middle the middle the middle the middle the middle the middle the middle the mid the river in fixteen or eightcene fathom, and with a cable on land, through, and can never melt, by reason of the continual cold. there it is good lying with al windes, except with a fouth S. West From the e.end of the straite way gats to baye of Oby it is e.f.e. Oby winde, which bloweth there open in.

About halfes league to the wellwards of it lieth the fresh river northealt forty leagues more, to the two norther rivers, and then of Ombay, which is so should and foule, that men can not goe in yet so forth alongst northealt but how far is yet unknowe. there with shippes, except they be small, and also the Russes are not

and then upon northwest to Kandalex.

and then upon northweft to Kandalev,

The resolvent ly eaf flow nore latefulaces, where Sammon is cauge,

serior as Kierickatick and Cargapoll, that lieth fourthweft from Omboy,

the control fide.

The C. of Candenoes & Orlogenoes lie n.e. & f. w. 4/ leap, a fun
der. The point of Candenoes is very good to be known, there land

der. The point of Candenoes is very good to be known, there land

to the f. w. point of Candenoes is very good to be known, there land

to the f. w. towards that the land fallest we the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the 1 seagito the extrards of the God Candenoes lieth an iland called Morfonowitz, of the extrards of it goeth a great haye into the Morfonowitz, of the extrards of it goeth a great haye into the Morfonowitz, of the extrards of it goeth a great haye into the land with a Morfonowitz, of the extrards of its great hay into the most of the whitefas, to it agrees with the courfe, and for the whitefas, to it agrees with the courfe, and to different one from the course of the whitefas, but it is good to know by the land, and to different one from the course of the surface of the s

, may faile round about it, but upon the S. fide runneth a great rife a dought the land they that com from the callwards mulk avoid; it, should be supported by the state of the W. end off the lland. Upon this Hand are great force of Geefe, which in the Sommer are altogether bare, or a skell, without any feathers; which fit and broad upon one egge, which they have lying under them, and for ohe label their young one, which are there in fuch aboundance, that the Ruffes doe came the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the st re a moore with their Lodges, and lay a deele or boarde upon the land, & drive the Geele wit stares, it to their boats or lodges, in such aboundance, that they falt then into Barrels, in great aboundance.

From Candenoes to the Hand Tuffaria, it is calliouthealt 42 leagues betwist them both goeth in the forefaid baye. By Weil west Tuffers lieth the pointe of Swelgenoes.

From Tuttara to the river of Colcova, the course is east 7 leagues, which is a good river, being twelve foot deepe, but there is ness, no other trade, but that the Rufles doe come there from Colmogro and S Nicolas with Lodges, for to trade there, and to barrer their wares the for Skins and other wares.

Pitta- Seven leagues to the eaftwards of the river of Colcova, lieth the river of Pirfana, there is but 6 foot water, & is an anknowne place, but a litle to the w.wards of it lieth a fhould, which you must avoid: OliverBrunecl in his voiage from nova zêbla com on ground ther. About 13 leagues to the e.wards of Pitfana lieth the river of Pit-

pito- fora, which lieth in f.f.e. by the e. point, and hath 12 foot water, the land is there low with fand-hills, and upon the west side standeth a Pack-house with some crosses. When you come within the river, you must edge up w.wards towards the Pack-honfe, and apkor the re in 3,or 4 tathom, there is a great Haff, or broad water. You must avoid the E, fide of the river, which is full of fands and banks. The litle towne of Pitfora lieth about 35 leagues within the land, there is great aboundance of coftly Skinues and Christall.

Betwixt Fittors and Waygats lieth Oltgyn , and without the land lye 2 rocks or litle Hands, the one called Orangien, and the other Grave Maurice, you may anckor under them in 6 or 7 fathom. From the fouthermost shootesh off a little riffe, but you may

To the cell wards and to the westwards of the two litle Hands is

a great bay, where it is should water, the land runner hithers round wagats. It is from Pitfora to Waygats n. e. and by e. 32 leagues.
Waygats, this from Pitfora to Waygats n. e. and by e. 32 leagues.
Waygats, which is also called the Straite of Natfawe is a Straite, g :s. where men may faile through into the Tarrarifh fea, it lieth in firth about e afterwards n.e. through about 8 or 9 leag, about halfe wayes through lieth an Hand, which you may faile about on both fide. Trayn A little within the point, on the u. fide is a faire bay, which you may

in the middet 14, and 25 fathounders that of fathounders leading to the wards of Tatara, unto the right Kingdomes off pe, but there it is foule. Men doe commonly ancker a halfel cague [Cathay and China, and fofort to the Molucques, but in vaine bewithin the river on the east fide, with an anckor in the middeft off cause of the terrible ice that remaineth there the whole yeare

and f.e. and by e. 40 leag. To the e, wards of it that land lieth forth

The w. cast of Nova Zembla lieth to the s. wards of from Way- Nova stilling they should come there, for not to posse, there is among any stilling they should come there. For not to posse, there is among any stilling they should come there. For not to posse, there is great force off Samunoc cought, which is carried from thence with boarts or he shape in the Sale; reverse, and the state of the state point, further N. N.E., N.E. and for the state point, further N. N.E., N.E. and the state point, further N. N.E., N.E. and the state point, further N. N.E., N.E. and the state point, further N. N.E., N.E. and the state point, further N. N.E., N.E. and the state point, further N. N.E., N.E. and the state point, further N. N.E., N.E. and the state point, further N. N.E. and the state point, further N. N.E., N.E. and the state point, further N. N.E. and the state point, further N. N.E. and the state point, further N. N.E. and the state point, further N. N.E. and the state point, further N. N.E. and the state point, further N. N.E. and the state point, further N. N.E. and the state point state the state point, further N. N.E. and the state point, further N. N.E. and the state point state the state point state the state point state the state point state the state point state the state point state the state point state the state point state the state point state the state point state the state point state the state point state the state point state the state point state the state point state the state point state the state point state the state point state the state point state the state point state the state point state the state point state the state point state the state point state the state point state the state point state the state point state the state point state the state point state the state point state the state point state the state point state the state point state the state point state point state the state point state the state point state the state point state the state point state the state point state point state point state point state point state point state point sta From thence the coast lieth formewhat alongst westfouthwest the Iland of Orangien, the northermost part off Nava Zembla, in

How shefe la in doe by one from the other, and from other lands.

| ١ | From the ivo th cape to the Northkyne, call and by fouth 13 leagues        |  |
|---|----------------------------------------------------------------------------|--|
|   |                                                                            |  |
|   |                                                                            |  |
|   |                                                                            |  |
|   |                                                                            |  |
|   | From Kyrr 1 to Latts fourheaft and by fourh eafterlys                      |  |
|   | F. o. Lau to the River of kool fouth and by east, and fourthouthand        |  |
|   | From Laus to kildurn, foutheast and by foutheasterly                       |  |
|   | From kilduvn to the point of Tierchit v fourheast and by and               |  |
|   | rom the point of Tiribiry to the leven Hande f. e. and hy and              |  |
|   | From Titibuy to Swetenoes, the costi lieth fouthers and by fouth           |  |
|   | From Swetenoes until 1 league: pail Lombafeho loughfoutheuft               |  |
|   | From thence to Orlogenes fouth 9 leagues                                   |  |
|   |                                                                            |  |
|   | From the 3 Hands to Fonnoy, fouthwell and by fouth                         |  |
|   | From the 2 Hands to the Groffe iland Southowies C                          |  |
|   | From the Croffe illand to Carfingle, or the gray point fourthmed           |  |
|   | From the Gray point to the kiver of Archangel fouth and how                |  |
|   | From the Barre of Archange, to the Saltailand for formerhan weller at      |  |
|   | From the sail-liand to the C. Onega wand w. and he N.                      |  |
|   | From the c. Onega to the ilands Solofky N.w. and by w                      |  |
| • | From the Croffe iland to warfing w.f.w. and w and but                      |  |
|   | From waitigs unto the point of lauris w. w. & bu n w n m & n m             |  |
|   |                                                                            |  |
|   |                                                                            |  |
|   |                                                                            |  |
|   | From Orlogenes to the cape de Candenoce, the courfe is at a                |  |
|   | From Candenous to the Hand kolpove eafe and by fourh                       |  |
|   | From Candenoes to Swelvenues a f. e. and hue                               |  |
|   | From Candencer to the iland Morfenewitz S. F.                              |  |
|   | From Candennes to Tuffara it is E. S. R.                                   |  |
|   | From Colcovs to Pitfana B. and by N                                        |  |
|   | From Pitfana to Pitfora E, and B, and by N                                 |  |
|   | From Pitfora to VVargars the courfe is about \$1 m and 1                   |  |
|   |                                                                            |  |
|   |                                                                            |  |
|   |                                                                            |  |
|   | From the blands of Solof ky to Ombey in Lenland nous                       |  |
|   |                                                                            |  |
|   | From Salaffer to Polanai St. # and be #                                    |  |
|   | From Candences to Coffingfacek in Nove Zemble at F and to yet a forteagues |  |
|   |                                                                            |  |
|   |                                                                            |  |
|   | Hairlite 43 leagues                                                        |  |
|   | Heights.                                                                   |  |

The Illand Kildova archi in 69 degr. and fairtr minut. The point of Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Fairtrain and Fairtrain and Cathonic and Cathonic and Fairtrain and Fairtrain and Fairtrain and Cathonic and Fairtrain and Cathonic and Fairtrain and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic and Cathonic

### The first part

THE THIRD BOOK

## FIERIE-SEA-COLVMNE,

The Description of the whole

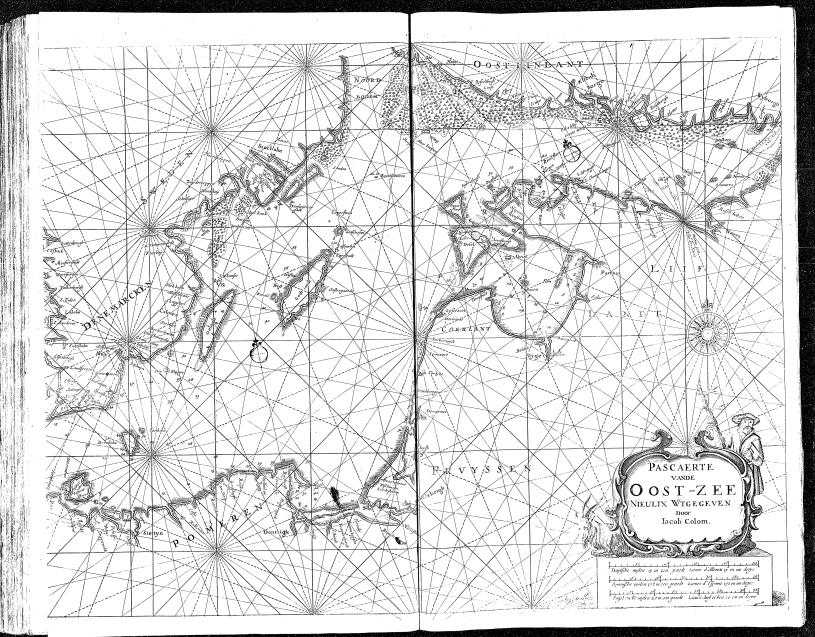
## EAST-SEA.

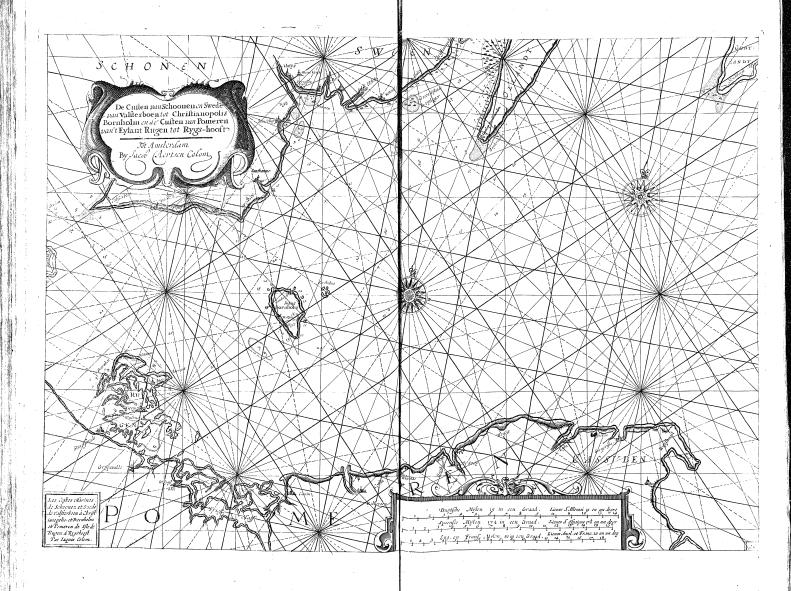
VVith priviledge of the High and Mighty Lords. the States Generall, for twelve yeares.



Printed at Amfterdam,

By Iacob Columne, on the water, in the Fierie Columne,





## The third part of the Firie Columne.

THE THIRD BOOKE,

Of the

### EASTHERN and NORTHERN NAVIGATION

The description off the Whole East Sea.

### The first demonstration.

Where in are described the Sea-coastes off Valsterboen to Christianopolis, and from the Iland Rugen to Ryghs-bead.



born hath been here before rehearfed. the fouler ground. The Coast from Fasterborn Eastwards Northerly. First from Fasterborn to El to that point. From the northwest point to the other pointe burgh are 3 leagues. If you will anckor the hoar lieth eaftfoutheft and weftnorthwest.

before Elburgh, then bring the Cloyfter

korby it in 4, 3, or 2 fathom and a halfe. From Elburgh to Wtstede are seven or eight leagues. Benonzym, and unerspie mingh, white towards the united for their flander have dided house to the eaftwards of the bridge, in each rough ground, with fourthweft and weft winds you have bring that house and the end or the bridge one in the other, there a weter floate. and faile in fo, and runne to the westwardes of the bridge, and The Eartholmes lye from the north-end of Bruntholm east anckorthere in 3 fathome, or two foot leffe, there is cleane and by north and west and by south source leagues a funder, and fand ground. When you come from the west, and are past from the southeast end south and north five leagues. In the that forefaid flould, then you may bodly runne alongst by the Eartholms a little haven, but by reason that is not used it is Shoare in 3 fathem and a half, without feare.

noner un 3 fantem and a nart, without reare.

There leagues to the callwards of Withe lieth a high point
Geebeer, called Goeffebeer, from thence to the Sandhammer is a leag.
From the point of Goeffebeer runneth off a great flow
farre to the leawardes, and lieth alongh the coath, unto neare rarre to the sewardes, and neth along the coast, and head Sandhammer, you may found it of 8, and to fathom, a you will. When you runne over it in tenne fathom, then lieth the league to Somer-haven, this a round bay, within it is very good north-end of Bruntholm about east from you, and the point of anckor ground. From thence the coast lieth about north five Sand-hammer northnorthwest. Under the Sand-hammer is good anckoring for a west, westfouthwest westnorthwest, and Ahuys, the course is north somewhat northerly about ten leag. northwest winde, in 5 or 6 fathome. When you come out | But to Hanno north, betwixt 11 or 12 leagues. northweth winde, in 5 or 6 fathome. When you come of the northweth you may runne along by this Coalt, with a northweth winde, in 7, 8, 9, or 12 fathom, untill part food beer, for to avoid Bruntholm.

Always licht upon a river, where formetimes is before the northweth winde, in 7, 8, 9, or 12 fathom, untill part food beer, for to avoid Bruntholm. Goef beer, for to avoid Bruntholm.

holm northwest and southeast 8 leagues asunder.

FOR OTHER THE RETURNING ABOUT OHE HALLWARD AND PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE

thwart of Sandtwick, Suaux and Nex.

Ou men shal faile about the riffe of Faster | shoare the ground is not verie cleane, the nearer to the shoare

Under the northwest pointe before Santwyck there is good sandwych lieth most East and by North, fomewhat anckoring for southwesk windes, and you may come neare un-

On the east fide is good anckoring before Suaux and Nex: Probability before Elburgh, then bring the Cloytter and the Church within a father on a father and a father and the Church within a father or a father and a father and the church within a father or a father and the church within a father or being the father and the church within a father of the church within a father of the church within a father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father and the father an hurt of it: to the northwardes of Nex lieth also a great rock. twixtthem both about three leagues to the eaftwards off El- He that will anckor before Nex, let him auckor fo, that the burgh, and five leagues to the weltwardes of Wtiteeis a pointr flat fleeple which flandeth above Nex, doe fland betwixt the off from which lieth a fhoulde, come no nearer it then eight or west and west and by south from him, and that the north poinnine fathom, Wiftee liethin a bight, and hath a high sharp tebe north and by west, and the fourth point be south south from you, and then fayle in right with it towards the frand, cleane fand ground. An many other places it is otherwise floor

unknowen.

Geel beer, for to avoid Bruntholm.

The point of Geosbeer and the north end of Bruntholm lye northweft and by weft and foutheaft and by eaft about y leafugues affander, but Writee and the forefayd north end of Bruntholm out wheft and foutheaft is leagues afunder. For to faile from Fafterborne about to the northwards off alongft by the forefaid flat, to that there lieth a channell be-

Goesbeer, come no nearer it then seven or eight fathom. But If you will fail into this fouthergat, comming from the souther to faile from Fasterborn to the fouthwards of Brontholm, the wards, then runne to the west shoare to the fouthwards of Ato mae noun control to the fourth two and twentie or three and twent-lought is eaft and by fouth, two and twentie or three and twent-tie leagues , and along it the fouthfide off Broutholme Eaft-on the north floar, north and by well or fomewhat more wethe control of the co rif, which men mult avoyde. On the northeaft fide you may mewhat further is to the land, to wit, even in the going of the runne alongit by it upon your lead, without doing amille, in 12 highest of the hil, keepethese markes fo standing, and fail in or 13 fathom, and alongft the fouthwest fide in 8 or 9 fathom. rigt with them, until that Ahuys commet over that tree, which Men may anckor round aboute Bronthollom, at divers pla- francleth there at the Northend of the wood, or that the white ces, before Rottum, &to the northwards, before the Castle, Countrie church come to the N, wards of the little houses of Ahuys, then goe on N.w. or bring that forefaide white-countries Before the Village, betwixt Rottum, and the Caftle that church in a little valley, a little to the N. wards of an old ruined flandeth upon the northwest point, is a good anckoring for an castle, whereof there standerhyet some of the walls upon the east or northeast winde, in 13, 14, and 15 fathom, but not northfide of the River, and fail fo on, untill that Ahuys come to ftand in the middeft of the River, anckor there in two fa-Thwart of the Caftle it is good lying for an eaftnortheaft, thom and an halfe, or 3 fathome, there is the roade there can east, and eastfoutheast wind meighteene and twentie, and also goe no sea. In this southergat it is two fathom, a fathom and a

verie cleane ground.

fourteene and fifteene fathome, fand grounde, but nearer the half, and fometimes also at least 3 fathom deep.

Ahuys doe fland right welt from you, then there commethal which lie before it about a half league of from the shoare to great tree to the north fide of the wood, that flandeth upon Seawards. the welf floare, keeps that fo fanding and rimme in right with it, until that forefald countrie-church come to that a forefald dominated countrie-church come to that a forefald dominated countries and the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the countries of the count untill within a fhot of a cast peece neer to the west shoare, and heede. then edge up to the north floar, untill that Ahuys come in the About a league to the fouthwardes, and two leagues to the seemen middeft of the river, aud anckor there, as hath is been faid.

townes, as Fleholme and Rottenbuy, where men may anckor the pointe flandeth a white house. The King off Denmarcks before, in fixe, feven, and eight fathom good anckor ground: armie of ships laye there, in the time of the last slege of Calmer. And other havens more, but litle or nothing knowne by Holof from the land, calle dMalqueren, under which men may in fight, faile towards it but shunne the shoares, as hat been alfo ride.

with the land even within them, or to the westwards of them, it and a little more to the eastwards, upon it is no more then

The roots The Rocks are find inteller ook together, which men in the foot water.

The Rocks are find inteller ook together, which men in the find to the root water.

The filler count about, but can have to Roode under them; they he for the root water.

The Rocks are find inteller to the water land, and are find by the root water in the land and by north a land with the root water.

The Rocks are find in the Rocks are find the Rocks and the Rocks are find the Rocks and the Rocks are find the Rocks and the Rocks are find the Rocks and the Rocks are find the Ro ler then the Eartholmes.

wen or screene tamo, oy tome cattest me konga-tamot, and alloy Jour.

the Onliers: It is not to base ken in it fell ear the Rocks, and alfo much greener of to feavarded from it, he fome rocks, to the found of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the rocks of the pointe of Ocland, it is about four leagues broad, betwixt them under water, both goeth in the Calmer-founde.

foule but if you come not nearer them , then in feven fathom , you can take no hurt there.

About halfe wayes betwist them, Northwest from Souther come to lye at the bridge before the towne. orden, the fouthermost point of Oeland lieth the towne of christia. Christianopell , lately builed there upon a little Hands by Kings Majestie of Denmarcke, and so called after his name, that go no not deep, but he that shall doe it, must be verie well called Overschare, now it is one with Christianopel, thwart of and some under water. the shoare southeast into the sea, come no nearer it then in 10

To the northwardes of Christianopel towardes Calmer, it is on both sides (as well on the side of the maine land, as on the northeast, and southouthwest. fide of Ocland) all full of rocks and foule grounds, but you may found both the floares : in the middeft betwixt both in the farewave, it is tenne and twelve fathom deep, all foft claye farewaye, it is remeand twelve tarioun uses, an increase grounde, to the fourthwards of the lland Rugen men doe faile up into for to fair grounde, to the northwards towards Calmer it is by little and little to the northwards towards Calmer it is by little and little the Iello unto Straelfound. For to fail from Straelfound out this tell.

For to faile into the Eastergatte, comming from the fouth- Two leagues to the northwards of Christian pel lieth Ber-Bereken. wards keepe in fixe or feven fathom, and runne fo the North ker haven, there men doe lade oken beams, there within it is floare, and then you runne alongst without the riffe, that lieth good lying, but verie badde for to come in or out, because off of by fouth the rivers mouth from the welt shoare untill that the multitude of suncken rockes, and other sonle grounds,

old perceof wall, of the old rainous Callet, and then right in, what farther off from the flore to Seawards, then the other as hath beene before faid. Or runne in by the first marckes, rocks which lie alongst the shoare, thereof you must take

forthwards of Hofmes grounde lieth a point called Steen-Hanno is a little high round Hand, which men may faile rounded her to go which is a former has high round point, and continued to the bont, under it is good roade for fouth and fouthealt windes.

Behind Hanno runneth up a litle River to Selsbrough, but tower, to the wellwardes of it runneth in a great bight, where is good lying alfo for many thippes, but you can not come in ferveth onely for small ships or Crayers, which go not deepe. It is good lying also for many shippes, but you can not come in From Ahuys to the Rockes the course is east and by south there, because of the manie soule grounds and dangers, except Rouenbuy twelve or thirteene leagues, betwirt themboth lie divers little it be with a verie skilful Pilot: upon the welt fide, over against

When you come so farre in, that you leefe the fouth end of landers, Thwart of Rottenbuye lieth a great Rocke fomewhat faide here before. The Castle hath four great towres, when From the north point of Brunthollom to the Rocks the the two eaftermost of the four come one in the other, then is courfe is northnorthealt fixteen leagues, but rom the point of the Castle about northwest from you, then you come by the Sandhamer eattnortheaft 17 leagues If you runne alongft close | Grimichaer, this is a Rock good to be knowne, upon it flanby the north point of Brunthollom, you shal run with a north deth a mast, with a Barrell upon the toppe of it, which lieth waye, along the even without the rocks: but it, of you run along the much nearer the west shoare then Oeland, when you get it in close by the point of Sandhammer, and will faile from thence fight, then faile towardes it. Thwarte of the Grimschaer or to the Rocks, you shall with a northeast and by east waye fall Tonholm lieth a suncken rock, about a cables length of from

by the Grimschaer, leaving it on the larboard side, and then A league or two to the northwardes of them lieth the Vrou-the forefaid funcken Rock remaineth on the starboard side of

alto much greater, of to feavardes from it, lie fome rocks, to the wettwards of it, it is alfull of rockes, fome above and fome under water, along frem alful to the hand, you may faile about meter water, along frem in fail to the hand, you may faile about within the Greene-iland betwist, it and the rockes, but no mans water, and at fome places the fear munot halongly fover it, edge can doe it, but he mult be veries well acquainted there, and it then altitle up to the northwards, and runne about by the point them alfol not without great dauger. To the Southwardes of it that rock, their path that, you that meet on the lather of the rock paths when well all the proposed in the path of the first path and the paths of the paths and the paths of the paths and the paths of the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths and the paths it you may also finde Roade at some places, but you must be allow rock, from the which there shooteth of a little taile to the verie wel acquainted, and also not without damher, by reason northwards, upon it standeth a little beacon, faile along the ir, vene wera equantice, and ano not without damner, by realon institution appears in antite beacon, falle along h by its of the multitude of function Rocks and flaring grounds. The land being a little palit it, then falls the towned we welfouther affidied of the Outliers lie from the rocks northeaft and by well from you, let your anckor fall there in five or fixe fathom, north. The South end of Oeland is a flaring pointe, and little the right toad. If you come to anckor fomewhat northeaft and by the right toad. from the rockes eaft and welt about eight legues diffant.
Thwart offi, betwist the maine land and the aforefaid South. suncken rock which lieth no more then eleven of twelve foot out.

The markes of this funcken rock are thefe: When the mil-For to faile up into the Calmerfound, then goe on from the rockes, or from the Outliers northnortheaft, and then you run thandeth on the north fide without the towne, then you are in betwixt Oeland and the maine land, faile in there betwixt thwart of the forefaid funcken rock; On both fides of it, as them both, a middeft the channell, both the shoares are verie wel to the northwards as the fouthwards of it, it is deep enoug. It is good lying there, almost with all windes, but a north and by east winde is the worst, which bloweth there in open. With From the Rocks to Calmer are fifteen or fixteene leagues; hippes that go not deeper then fixe or leven foote, men may

You may also faile to the westwards of the Grimschaer: that is, through betwixt the Grimfchaer and the land, with shippes Thwart of it was wont to lie upon the maine land a little rown accounted there, for there it is all full of Rocks, fome above

From the fouthend of Ocland, called Southerorden, lieth of the riffe called Overionare, now it is one want a great English mile of from it lieth a ledge of rockes about a great English mile of from a great dangerous riflea league and an half into fea, there it is of food orden. feven and eight fathom deep, when the Chappel upon Souther-At Christianopel is a havenou the east side, from it lieth orden is northwest a great league from you, there it is ten and off a riffe towards the northeast into (eas therefore he that will cleven fathom deep, you may founde about this riffe in eight faile in there, must come in from the northwards for to avoican doe otherwife, and can paffe it.

The east Coast of Oeland is a cleane Coast, and lieth north

#### Of the Hand Rughen.

alongst the Ielle, goe on north, and north, and by west, there

lieth a Middle-ground, fometimes there flandeth a beacon harde windes you flould neede to floe your anckor, you lie upon it, and fomeumes not, leave that on the larboard fide, there also landlockt for a west and south winde penig plat that, pair to the point whether wood trailed the river of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control Welt unto the beacon the Ielle. When as you lofe up about by northnorthwelt, or fomewhat more northerly from you, when it Walt, then looke out for two trees, which stand upon the you come about the point, you shall see in the soutwest or socan thoare, form what within the land, bring them a thips lengt mewhat more welterlie from you, a little thick wood of trees, without the highest tree, which standeth upon the shoare, and upon a plain hill, and on each fide of that little wood, a little Inote up aboute the beacon, towards the buye. In the mouth of (flarpe freeple, and also a great tree, like as if it where a mill the deepe lie; buyes, which in failing out you must leave all without wings, when that tree comment to be Southwest, and on the larboard fide, but in failing in all on the ftarboard fide. by west from you, anckor there in or 10 fathom, there is in and also without, it is farre of shoulde Water.

The Hand Rogen bath four points that lie out, under which em any idea of they solves to Posterior of the solves to Posterior of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, it is about 15 station of the land, mondt and the Peert.

that the freepe point fland northnortheast from you, or that fathom, good fort ground. the Church fland over the point, or anckor where about that The Peert, which men doe also call the great Buck upon the peert shallow Water and clean fand-ground.

and by east, 17, or 18 leagues, but Dornbosch and Faster- Iasmondt and the Peert lie southsoutheast and northnorthboroes Riffe lie northaorthweft and fouthfoutheaft, fourteene west distant 3 leagues. leagues atunder.

From Dombofch to Witmondt, the course is northeast and where men doe faile through to Statin. by east four bagges. Betwixt them both goeth in a great Bay,

an thirteene or fourteene tathome foft ground, fo that with foote, and fometimes more.

being pail that, faile to the point where the wood flandeth up- | Jafmondt light from Witmondt eathfortheaft diffant three Roads

It is not deeper in the mouth of the Deepe then 6 and 7 foote, different ground, according as the grounde is there, by the

Or bring the north point northwest, and the other point men may ride at divers places, as Doornbosch, Witmondt, Ias- southwest and by south from you, and anckor there in tenne or eleven fathom, there it is good foft ground, but it lafteth not The pointe of Doorenbosch lieth from the Ielle north and long, so soone as you finde the soft ground you must let fall be west distant two leagues, it is high land with a steep point, your anckor, for the ground is there at mante places not cleamen may ride under it for northeast, east and southeast windes us, or you must faile sare about both the points, there you lie It you will anckor there, then anckor in 3, 4, or 5 fathome, fo landlockt for a northwest, and northwinde, in 10, 11, or 12

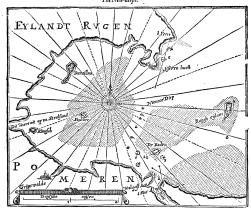
it shall I lease you, or shall be best convenient, it is there allower I asmondt, is a tuffe of 3 or two, and is a pointe that lieth out with two points, where is betwixt them both a faire Sand-bay, From Dorobotch to Brontholme, the course is northeast where is good lying in 4 cr 5 fathom clean ground.

To the Southwards of the Peert goeth in that New deep,

About a league fouth, formewhat Westerlie from the Peert For to fail where you may run in along thy Wirmonde, and have roade lieth a pointe, called the Ironhead, there lieth off a little riffe , new dasp, therein five or fix fathom, for fouthwest, fouth, and also for therefore you must run alongst somewhat without that point, and being a little past that point, you can see the outermost buy

If you will feeke roade under Witmondt for westerlie win - of the New-deepe, wherein lie 2 buyes in the middest of the des , and runne about by the point comming from the West- deepe, so that you may faile alongst on both sides of the buyes, wardes, then come not nearer the point, then seven or eight but with shippes of great draughts, you must close along to the fathom, there hooteth of an uneven shoulde, which you must eastwards of the buyes, there is the very deepest of the chanavoide, being come about the point, anckor there in twelve, nel. By the outermost buye it is at the shouldest, there is the thirteene, or fourteene fathome, that is aboute a league from barre, commonly there is t 1 foot water, or a little more then the shoare, nearer to the shoare in 7 or 8 or tenne fathom, the 11 foot and a half, and sometimes also well 12 foot, but in the ground is not cleane, in twelve fathome you have groffe fand, middeft of the mouth of the deep it is commonly ftill twelve

The New-deepe.



Upon the Peert lie 3 high hommocks, the Westermost of and five fathom depth, being little over it, you must go on S.E. fouthwest then you can not faile amisse, althrought there were larboard side. It is there all over good anckoring. no buyes in the mouth of the Deep.

them is the greatest , one great round hommock, when you unto the entrance of the Peen, with that course you leave the keep that right without the Ironhead, and then run on South- Iland of the Roeden lying at leaft two Cables lengths on the The Ros-If you will faile in to the Peen you shall espie (failing thus

When you come over the barre, you shall finde againe four right out a head at the east side of the Peen, two pointes, keep

the east shoar stand two beakons, bring them one in the other, the land grown with trees. and run fo into the Peen, which lieth in first Southwest but in the comming in, there is no more then fixe foote, or fix foot and an half water.

If you will anckor under the Hand the Roeden , you must fe-head four leagues. inder the be mindfull of a little riffe, that lieth off from the Roeden to the Southwards, towardes the maine land, and anckor there, either to the westwardes or to the eastwardes off it , accordings as the winde shall be , in three fathom, or two fathom land is along the sea fide above all black with trees. and a halfe, fo shoulde or deepe, as you please, there is the common roade for the ships.

Rough The Rough Hand lieth from the Roeden northeast and by

east distant about two leagues. west about fixteene or seventeen leagues.

Camin Stetyn Camin lieth five leagues to the castwardes of the Swin, | bound to Bronthollom, let him goe on westfeuthwest, for to Channell goeth through also with a river into the Haff.

Hand fourthwest and by west from you, there lieth a banck off may runne about by it in 7 and 8 farhome. feven farhome, upon one place fomewhat leffe, and upon an other formewhat more, betwixt it & the land towards I almondt land it is eight and thirtie, and nine and thirtie fathome deepe, it is again thirteen, fourteene and 15 fathome deep, but to the easie claye ground, eaftwardes of the Newdeepe, alongstby the coaste of Pomeren, it is all shoulde water, of four, five, fixe and seven fathom, fo farre into the fea, that when you can but even fee, the land of the Swin, there it is not deeper then feven or eight fathom, without fight of the land it is 12 and 13 fathom deep.

The New-deepe and Colbergen lyceast and by north and

weft and by fouth 16 or 17 leagues afunder.

The Haven of Colbergen you must faile into between two give all the countrey thereabout falt, of water which they 15 and 16 fathom. feeth, and yet the water of the river is fresh as Milk, for it is a havens more, to wir, Coflyn and Ruwolde.

Ruwold, or the little river, called the Wipper, an indifferent balckish fand-ground, thip may go in. It is from Ruwolde to Gershead northeast and Four or five leagues from Brontholme, when the east end by eaft four leagues.

off Stolp, Liba, and Sernevis.

there doe indifferent great thip lade.

lieth eastnortheast from it foure leagues. Reefcoll is a high | Aboute two leagues eastfoutheast from the aforefaid east

Liba lieth upon a great river, called the Offe. From Liba to twentie fathome deepe, stonie ground. Sernevis are five leagues, betwixt them lye the three Woolthree or fourelittle hommockes. Seven or eight leagues to twentie fathom deep, foft ground.

the castermost a handspikes length without the westermost | the castwards off the Woolsackes followeth the high land off (for to avoid a ftonie fhould, which runneth off from the Weft Rose head, which is very steep upon the water-fide. Betwixt point of the Peen) untill that you come before the Peen. Upon the Rose-head and Reescoll it is all white strand, and most of

Sernevis is a little towne lying upon a little off-water which Sernevis with a little river runneth into the fea, but whitin, it doth pread it selfe into a great river. It is from Serveuis to the Ko-

You may found aboute the Rofe head in 15 and 20 fathom, and also you may well anckor under the Rose-head, there is better ground then under the Fieel. All the strand off Pomer-

#### Of the Depths.

In the farewaye the northwardes of Bronthollom along the to Rve, it is deep betwixt Oeland and Bronthollom five and About eaftnortheaft from the Roeden lieth alfo a Channell thirtie, fixe and thirtie, and eight and thirtie fathome, but the solution of the control of the Rough Hand, that committee against Celand, for that the fourth earlies of the Rough Hand, that the solution of the Rough Hand, that committee against Celand, for that the fourth come to be a solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of wards off to come out at the Newdeepe & allo for those that are five or fixe leagues from you, there you shall finde vene uneven bound to Danske, or to the eastwards. From the Rough I land grounds. Southeast five or fixe leagues from Southerorden, lieth of a little riffe to the fouthwardes, which you mult avoid, are grounds of nine, tenne, twelve and fixteene fathorne, in the and runne through betwirt that & the fhoulde which runneth inne and tenne fathome foft ground, that there remembed nofrom the shoar, thwart of it is the barre or shouldest of this thin upon the lead, but in the fourteene or sixteene farhorn, it is Channell not leffe then eleven or twelve foot water, that is a groffe redde and black frome fand ground, almost like gettes. Short out let, being over you shall gette presently deeper Water. This Channell is Pilots water. Upon the Hand the Roeden from the land it is also deeper, but al uneven ground; the forth dwell Pilots, which doe bring out the shippes there. The coast end of Oeland, being about northnorthwest from you eight off Pomeren lieth from the New deep to Colf bergen east and leagues, there it is againe sometimes twentie, sourteene and alfowell tenne and nine fathome in the shouldest doope , all Betwist them both lye yet two channels, the Swinne, & the stonic ground, that there remaineth nothing upon the lead, but Channell of Camin. The Swin lieth feven leagues Eastwardes in twentie and five and twentie fathome grofie red and black from the Newdeepe, which runneth through with a little river from fand. He that fayleth with a northerly wind over these into the Haff or broade water, right over against the River of foresaid shouldes, of teen, cleven and twelve fathome , and is upon the eaftend of the Haffe or broad water of Stetyn: that layle clear of Brontholm, if he reckon to come against it by night; the Bleefche fide he may bouldly runne to by the lead Four or five leagues without the land, when Iafmondt is infeventeene and eighteene fathome. The point off Sandtwest, or thereabout, the Peert westfouthwest, and the Rough hamer runneth farre of flat, at hath been faid here before, you

Betwixt the Rockes and Oeland, in the farrewaye to Got-

When Southerorden is northnorthwest, somewhat northerly a league from you, there it is 13 fathom deep.

When the little chappell upon Southerorden is westnorthwest from you two leagues, there it is thirtie fathom deep. When Southerorden lieth West two greateleagues from

you, there it is feven and twentie, eight and twentie, and nine and twentie fathom deepe,

Betwixt Fasterborne and Brontholme it is thirtie, and five heads, untill you come before the towne. Within in the River, and thirtie fathom deep, in the farewaye, but when you beginne right over against the town, lieth a Well or Brook which can to come neare Fasterborne, there it is shoulder water of 14,

When you (comming from the West) faile alongst by the little water that commeth out of the land. The coast off Po- fouth fide of Brontholm eastfoutheast about a league without merland lieth from Colbergen to Gashead eastnortheast and the land, and that the east ende of Brontholme is east, somewelffouthwelt aboute 13 leagues, betwixt them both lie two what foutherly about two leagues from you, there it is deep 7 or eight fathom groffe pale fand, that lafteth untill that the The haven of Coflyn lieth from Colbergen northeast and forefaydeastende be east, & east and by north aboute a league by cast four leagues diftant. And from Coflyn to Ruwolde, the and a halfe from you, all in one depth, but when it commeth to courfe is northeaft and by east five leagues. Into the haven of be eastwortheast from you, it is fifteene fathome deep, small

(from which Brewis-riffe runneth of ) is aboute eaftnortheaft The land lieth from Garlhead to the Roschead east and east or northeast and by east, and the northeade aboute north, or the feel and by north 19 or 20 leagues, betwirt them lye the havens north and by east from you, there lieth a banck of seven, eight or nine fathome, and lieth northwest and southeast more then A little to the eastwards off Garfread lieth the haven of the a great league long, the fouthermost ende lieth about fouth-Stolp, which is a River fo called as the towne, which runneth well from the cast ende of Brontholme. He that meeteth with up to the same towne, onely for small ships, although that this banck by night, may make some gessing thereby, for to direct his courfe thereafter, wheter he be bound eaftwards to-From Garff ead unto Reefcollit is all a white Strand, and wardes Reefcoll, or towards Fafterborne.

round hill very good to be knowne, when you come off from
Brondthollom. From Reefcoll to Liba is 7 leagues.

end of Brondthollom (to wete, the lowe fand point, where Brondthollom. From Reefcoll to Liba is 7 leagues.

About four leagueseaft, formewhat eafterly, or Eaft and by facks, which are three black tuffens of trees, where by this land North from Meun, lieth a banck of eleven and twelve fathom, is very good to be knowne, a little to the eaftwards off thefe which lasteth from thence with a northwest and by west courthree litle hommocks lieth a long hill which doth flew it felfe fe, untill that Meun come to be weltfouthwelt, or fouthwelt (when you come out of the welt) on the welt end divided into and by welt from you, then it is again eighteen, nineteen, and

Fafterborne shall than be N. N. W. and Steden W. N. W. From the fourhead or e. end of Fronthollom to the Rocks n. n.e. 19 leagues from the cast rade of fronthollom to Southerorden northeast, formewhar from you, going on with that fathe northwest and by w. cou fe, you shall then get by little and little shoulder water, to we te, fixteene and litter ne fathome, and close by Steden fourte ne, thirteene, and twelve fathome. He that commeth fro Wirmondt or Iafmonottowards the Sound , and runneth longft 4 leagues without Meun , runneth alongft over this fe refaid panck, he that findeth him felfe by night upon it, hat a good marke for to make his reckoning thereafter.

Betwixt Brouthollom and the coast of Pomerland, in the fa reway, when you can feelbronthollom, it is 26 fathom deep, b fo farre to the S. wards that you can fee the coaft of Pomerlan there it is 7 and 8 fathom deepe, but without fight of the lan 12 and 13 fathom deepe. Alongst all the coast of Pomerla betwist the New-deepe and Rosehead, it is alongth by th coaft 22 and 20, and also well 25, fathom deep.

Berwixt Colsbergen and Garfhead it is all flat even flrand ground, without any bankes. In the fareway betwixt Bruntho Iom and Reefcoll, it is 27, and 28, fathome deep, but farre the northwards of it, it is at least 3 rand 3 8 fathom deep.

Northwelt from Reefcoll 4 or 5 leagues from the lanlieth a banck of 9,10, and 11, fathom, when you come from Brunthollom, and Reefcoll commeth to bee foutheast and h east from you, then you come against this banck, and ender when Reefcoll is fouth and by east from you.

From this forefayd banck towards Brunthollom, it is 25, and 36 fathom deepe, foft clay ground, but towards Reefco ir is fhoulder.

If you call the lead often, fayling along t that coast you sha finde more banckes

You may boldly faile along (t this coafts by night, or dar! weather in 8, 10 or 12 fathom of from Reefcoll untill abo the Rosehead. Thwart of the Rosehead it is farre flat, an ground as riffe ground. Where you come past or about Rose head it is very deep.

When the Role head is fouthfouthwest from you about a From the load of brunthollom to the Swandouth and by west is leagues league, there it is 30 fathorn deepe, but very uneven and full of From the load of brunthollom to Reteroil, the could is said and by bancks, and the ground white groffe fand. Rosehead being S.E. from you, it is 28 fathome deepe, with

red itony ground, almost like as of it were riffe fand.

Rosehead being W. from you, there it is 16 tathom deep, and white fand-ground.

| Courfes and Distances.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |
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| From the point of Sandthamer to Somerhaven, the course is north and by                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Fro   |
| eath I league                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Bre   |
| From Somethaven to Ahuya north sleagues                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |       |
| From Alium to Hanno calinortheait                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | m.,   |
| From Hanno to the Rocks, the course is east and by fouth II or 12 leagues                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Fre   |
| From the Rocks to the Outliers north and by early                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |       |
| From the Outlyers to Christianopell northnortheaft vleaguet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Ere   |
| From the Rockes to Calmer north-northead seer to language                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |
| From the Rocks to Southern denthe fouthend of Oeland eaff - R leagues                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ***   |
| From Santhamer to the Rocks e.n.e. formewhat eatlerly 17 or 18 leagues                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |
| From the north point off Brontholm to Ahuys north and by well, fomewhat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Tire. |
| northerly volengues                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | F-a   |
| From the napoint of Brontholm to Hanno na formewhat wellerly and leagues                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Dec   |
| From the north point of Bronthollom to the Rocks n. e. & by n. 16 leagues                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Par   |
| From the north pointe off Bronthollom to Southerorden N. eaff a little #2-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | PIC   |
| Merly amount of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of th |       |

| ur-   | northerly                                                                                      | 24   22000   |
|-------|------------------------------------------------------------------------------------------------|--------------|
| ve-   | From Southerorden to Reefcol fouth and by eaft                                                 | 24 leagues   |
| ee-   | From the southern den to Rofeliesa fouthealt                                                   | 33 langues   |
|       | From Southerorden to Quinsbrough-Deepe foutheast and by east                                   | , and louth- |
| ım    | foutheast                                                                                      | 48 leagues   |
| a-    | From Southerorden to Dermemell east and by f. and e. f. c.                                     | 48 leagues   |
| ·0    | From Southerorden to Sevenbergen east and by fouth                                             | 48 leagues   |
| th    | From Southerorden to Derwinda east and by north                                                | cylengues    |
| ten.  | From Southerorden to the fourth ende of Gotlant c.ft N. E. 23 o                                |              |
|       | From Souther orden to the Great Karell northealt From Vällerberne to Elburgh ealt and by north | 4 leagues    |
| fa-   | From Elburgh to Wiftee east                                                                    | \$ le seues  |
| ut    | From Willes to Goesbeer eaffnortheast                                                          | a leagues    |
|       | From Goesbeer to Santhamer northeaft                                                           | i leagues    |
| ıd,   | From Vafterborne, or from the rife to Brontholme caft                                          | to le ques   |
| nd    | From Valterborne to the northwards of brontholme cast by north                                 | 20 leagues   |
| nd    | But to the fouthwards of broatholm eaft, and eait and by fouth                                 | 22 leagues   |
| he    | From Wiftee to the north point of brontholm f. c. and by eaft                                  | 3 leagues    |
| iic   | From Meun to bronthollom eaft and eaft and by north                                            | 21 leagues   |
| _ !   | From Steden to the north end of bronthollom e. and e. and by n.                                | 24 leagues   |
| &     | From Vafferborne to Whitmond foutherst                                                         | 10 leagues   |
| ol-   | From Vafterborne to Dorubosh fouthfoutheaft 13 or                                              | 14 leagues   |
| to    |                                                                                                | 13 leagues   |
| ш     | From Meun to Dornehofh fontheast and by fouth                                                  | 9 leagues    |
|       | From the felle to the point of Dornbol's north and by west                                     | 2 leagues    |
| ıd,   | From Dornbolh to whitmont, the course is northeast                                             | 4 leagues    |
| m     | From whitmout to Ialmont eaftfoutheaft From Ialmont to the Peers fouthfoutheaft                | 2 leagues    |
| bv    | From brontholme northeaft, fomewhat eafterlye                                                  | 3 leagues    |
|       | From whitmont to the n, end of bronthollom N. B, and by E.                                     | 19 leagues   |
| th    | To the fouth ende east and by north and castnortheast                                          | 14 leagues   |
|       | From Infmont to the fouth ende of brontholm N. E. and by eaft                                  | 13 leagues   |
| 30    | From the Peers to the fouth end of brontholm porthuortheaft                                    | 14 leagues   |
| oll   | From Infmondt to Camyn eailfoutheast fomwhat foutherly                                         | 10 leavues   |
| OII   | From the New-deepe to Colbergen, the course is e, and by 1116 or                               | 17 leagues   |
|       | From Comyn to Colbergen exfinortheaft                                                          | 4 leagues    |
| all i | From Colbergen to Caffyn northeast and by east                                                 | 4 leagues    |
|       | From Caffyn to Ruwolde northeaft and by eaft .                                                 | 5 leagues    |
| ا ا   | From Ruwolde to Garshead northeaft and by eaft                                                 | 4 leagues    |
| ke.   |                                                                                                | 4 leagues    |
| ut'   | From Reefcoll to Lyba eaft and by north                                                        | 7 leagues    |
| nd    | From Lybs to Sernevis call  From Sernevis to the Rofe-head, the courfe is cafe                 | s leagues    |
|       | From Colsbergen to Garf head eathortheaft                                                      | 4 leagues    |
| -     | From Reefcol to Rofe-head, the courle is eaft                                                  | an leagues   |
| -     | From the Stend of brunthollom to the Swin, fouth and by weft                                   | 16 leagues   |
|       |                                                                                                | t a leagues  |

From the fouth end off Brunshollom to the Eartholloms north and by caft
From the north end of Brunthollom, or from the Eartholloms to Role-head
the courfe is ealt, and ealt and by fouth
10 leaves How most off all the chiefest poynts and places of the east sea do tye distant from Bronthollom.

om brunthollom to der Memell east, somwhat northerly 65 or 66 leagues om brunthollom to Der Lyba east and by north somewhat norther-67 or 68 leagues ly \_\_\_\_\_\_ m brunthollom to Derwinda eastmortheast om brunthollom to Derwinda entinortheaft 30 leagues om brunthollom to Houbrough, or the fouthend of Gotteland northeaft and by east
om the north end of brunthollom to Southerorden, the fouthend of Oeland mortheaft fonwhat callerly

method fourthead of bruntholm to Southerorden northeaft fonewhat northeriv
om brunthollom to the Rocks or out rocks northnortheaft
om brunthollom to Hanno, the course is north
om the north end of brunthollom to Sandhamer northnorthwest im the north end of brunthollom to Sandhamer northnorthweft 5 leagues in the north end of brunthollom to the point of Goesbeer northweft and

a little sa- | by north | ar leagues | From the north point of brunthollom to wiftede northwest

### How thefe Lands doe shew themfelves at Sea.

A COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON COMMON The fouth end of Oeland showeth thus, when it is thwart off from you.

Brontholme theweth it felfe thus, when you come from the well-

The Eartholmes, being northnortheast from you, shew themselves thus.

The Eartholmes being east from you show themselves thus,

In this forme stifeth the Eartholmes, being N. from you.

Thus fhewerh witmond, when you faue along it by 15, being 3 leagues off from it.

Thus fleweth Infmond, when you faile alongfeby it, being 3 leagues from the land. Here under is a great bay, a league long, Dornebosch

Thus sheweth themselves witmondt and Dornehosch, wit the land betwirt them both, when it is about southfouthwell from you, to farre that you may but even fee it from belowe. The Rofe-head

VVeolfacker 

Thus sheweth the land betwixt Reefcoll and the Rofe-head, when you faile along ft by it 3 leagues without the land.

Thus sheweth the land betwift Colbergen and the Stolp, when you fayle along t by it about 2 leagues without the land.

### The second demonstration,

Where in the Seacoastes betweene Rygs-bead and the Winda are set forth.

Heele, you are allmost ground of in thirtie fathom. On mocks or hills, and the land there abouts is all full off trees. the Coast of the Heele close by the land, it is 24 and also 30

you be a little of from the land, then you are ground off, north and is two fathom deep, within it you come into a great Haffe: very farre without the land you have no ground in 40 fathom. you may runne to the westwards about the point, and anckor A league to the northwards off the Heele there runneth off a there where you will. flat from the land, whereoff you must rake heed, when you will go to anckor under the Hecle, you may anckor on both fides by east, somewhat easterly 4 leagues. off the Heele, but on the innerfide it is fort ground.

From Heele to Danske before the Wissell, the course is fouth and by west 5 leagues. If you will anckor before the Wis- hilly land. fel, then anckor to the Westwards of the Chests, or the We-

fter-head in 10 or 12 fathom.

ke there fait with foure hawfers or Cables.

gues, and from the Heele cast and west 13 leagues.

upon both fides off the deep fland fome withered trees, to fee ley off Sand hills. to as if they were burnt, but upon the fouthfide Rand two Capes, or beakons. If you will faile in there, bring the capes one 16, or 17 leagues, betwire them both the land lieth in a bight, pes, or ocasion it you wantened it is not fathom, and faile in fo fo that the coast alongst by the shore lieth no fo right, esperight with them, and fo you shall run right with the buyes, cially 4, or 5 leagues by fouth Derwinda, there it falleth away which lye on both fides off the Deepe to eight or ten in num - into a great bight, which mendo cal Sackerwyke, and also with ber, to with, on each fide 4 or five, faile in betwist them, untill more smaller bights and bayes towards Terlyba. ber, to with, on each nuc 4 or nve, pane in octavity to be you come within in the Kettell. There is no certainly to be About four e leagues to the northwards off Terlyba lieth a sackerto give charge, that they be alwayes well foth wit buyes and necre to this should, and come on ground upon an unknowne

you, there it is 8, 9, and 10 fathom deep.

wind in 3 fathome and 3 fathom and a halfe.

you come against the Heert, and southeast over it, and then a- shore every where without feare in 4 or 5 fathom. you come against the channell unto the Haverstrome, Forto know this Coaste off Coerland, then remember these parts the coutse is most cast. Being over the Heert edge somewhat places here under Written. the coutle is most ear. Deing over the Fisert edge somewhat to the fouth floare for to avoid that riff which lieth off from the fouth floare for to avoid that riff which lieth off from the north floare about a third part into the Haffe, to with, covered above with red tyles, and under it is white, about a leathall fee also by it a round black little wood, keep the freeple on fo good to be known. the norther call fide of that little wood until that you be path | About 4 leagues to the fourhwardes of it in Sackerwycke

mowhat, which runneth far off flat.

Quind brough deep heth the point of Brufteroort, and betwirt ken land, thwart of this about five leagues from the land, or

Rom the Rose-head to the Heele, the course is south- them both Loocsteed, whereupon standeth a Castle with a eaft 8 or 9 leagues diffant. When you come neare the Church nor farre one from the other, and also two high hom-From Bruileroort to the Deepe of Der Memell, the course Der Me-

is northnortheast, 16, or 17 leagues. It is there betwixt them mell Under the Heele you may anckor in 12, and 20, fathom both a faire arand, and the land lieth in a great bay. The Deep Roade Owner the riesele you may anckor in 12, and 20, Itathom both a faire frand, and the land lieth in agreat bay. The Deep under the close by the land; the ground there goeth off very much. If left you be a little of from the land, then you are ground off, north land is two faithments and northeaft and by eaff, and northeaft and the road land is the faithment of the land is the faithment of the land is the faithment of the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is the land is t

From der Memell to Heyligena, the coast lieth north and

From Heyligena to the point of Sevenbergen, north and by eaft, fornewhat eafterly 5 leagues, that is with hommocks and

Four or five leagues north and by east from Sevenbergen lieth Terlyba. There goeth in the land a little river, but there Terlyba But for to faile into the Wiffell, or the Denske Deep, you can go in no shippes, there is no more then fix foot water. On mult loock for the two mafts with barrels upon them, which the north fide or the River flandeth a Gentlemans house or flandeth upon the Chefts, or the Wefter head, bring one in Caftle, with a turret upon the midft of it, the north end off the other; and faile in right with them, in betwitt the Chells, the house is covered with boards, and the fouth end with red but when you are within Termunde, you must chose the easter tyles, to the fouthwards or the eastwards off it stand also some hore, for the welfthore is flar, when you come before Boars. mans flat, you must chose the side off the Greenshore, and ma to. Iff you will anckor su the road off Terlyba, then anckor a The Quinsbrough deepelieth from the Wiffell, or the Gentle-mans-house with the turreth doe stand east and by Onth Chelts of Danske calthortheaft, and northeaft, and by east 13 north from you in foure fathorn and a half, and five fathorn leagues. From the Rofe-head caft and by fouth 17 or 18 lea leffe two foot, there is the best road and ground that is there-From the Wiffell to the Quinsbrough-deepand all alongst to the eastwards or to the northwards of Terlyba, you shall see to the northwards of it, is altogether a faire white fandy ftrand, within the land a black wood, and the houses in a ragged val-

From Terlybato Derwinda, the course is northnortheast

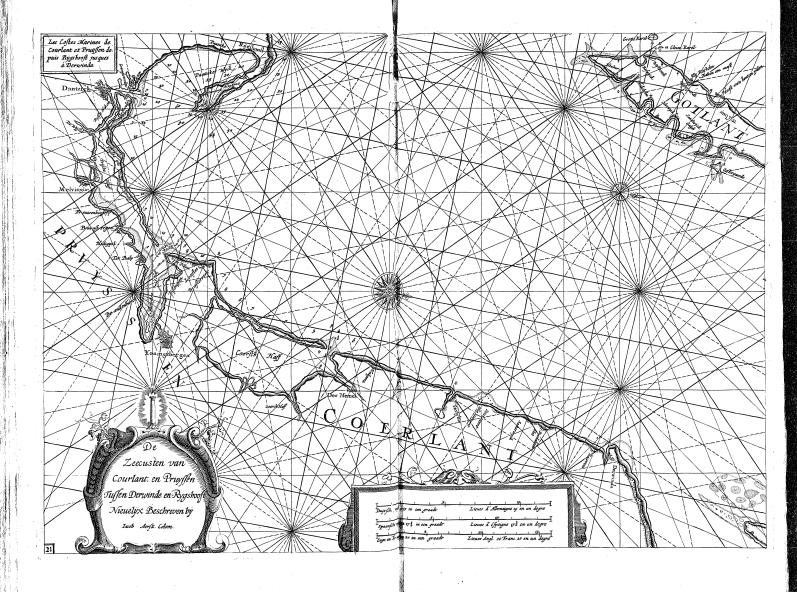
you come when me the control of the control of the control of the lying in off this channel, as also of the Danske point called Stickeroort or Steenoort, thwarf there of it is we write. written on the sying mon time, so manner, as an or the same typical the system of the system of the same typical typical through the same typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical 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typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typical typi the p, where unto men might trut, for oy reason on rae icousting off the Frebuts, and with great fireaming off the Ice, inductions, and twick great fireaming off the Ice, inductions, and twick fathoms, all found in the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the 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of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the pro time, the Lords off the land there have very great care Anno t 529, in the Spring a man of Hoom failed formewhat ogive caurge, mactine you anwayes wenterin wit outper and increte oritis inomia, and come ourground upon a more oracle or and loftishing to the more than an oracle or oracle or in the road without the deep, then ancker for to anckor in the road without the deep, then ancker for the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of the contraction of 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But if you keepe ting in 3 mangane and 3 mangane and a mane.

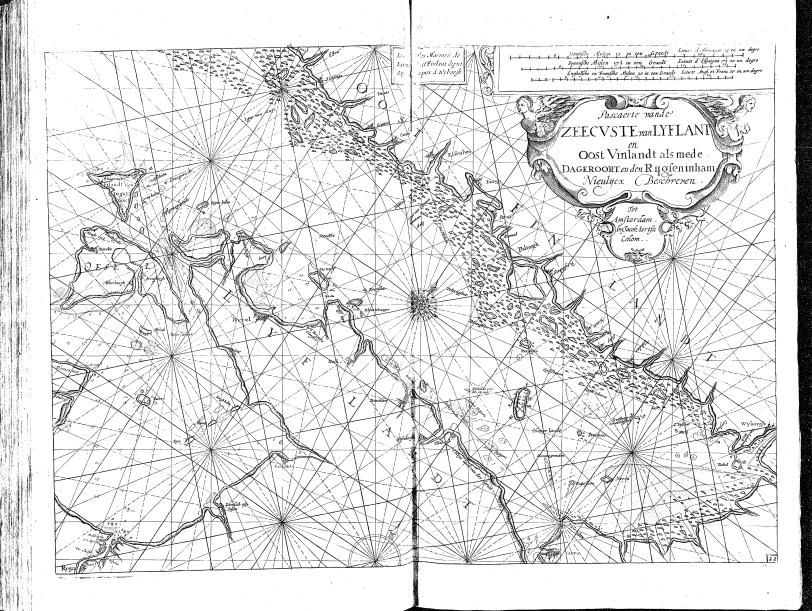
For to faile up the Haff go out of the ketel about east untill under faile, you may in turning to windwardes come neare the

the north moare about a third partition the relation by the north moare about a third partition of the point by eaft Fishouses there lieth a little buye upon gue to the fouthwardes off Derwinda, lieth the Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bakeovens, Bake from the point by our ramonics, more meth a fire only and come no neater in then 12 or 13 foot. The right farre- which is next to Domesties, the best land to be known of Coer- rens. m, and come to the fourthwarder of it 14 and 15 foote for ground, land it arifeth first when you beginne to fee the land in a white way is to the fourthwarder of it 14 and 15 foote for ground, ustill Brandenburgh, from thence further it is by litle and litle Sand-hull, the top whereof is full of trees, but when you come fhoulder welve, eleven and ten foot upon the Haveiftraw, fee neer the shore, that you can fee the other land alfo, then When you get the fleeple off Quinsbrough in fight, then you there ariseth more laud with hommockes, so that then it is not

about Brandenburgh, then let the fleeple come a foirs length lieth yer a hommock or hill full of trees with fome little homto the caltward of the litle wood of trees, and faile for igt with mockes to the caltwardes of it, when you are thwart off Derit, till you come by the buyes or litle trees of the Haverifraw, winda, you may even fee it half wayes up to the top, but not wel in, in you come by the buyes of mile trees of the Haverbriew; which you may even tent mar wayes up to the top, but not well there you mult run through a mildt the channel betwist them, from below. This hommocke is called by fome Duke Dalves back de there you mult run through a mildt the channel betwist them, from below. This hommocke is called by fome Duke Dalves back de there you must run turougu amout the channes of called and lieth most alone; the land, as well to the fourbwards after until lyou come into the Pregel which lieth up northeast unto called and lieth most alone; the land, as well to the fourbwards of called.

From der Pillo to Quinsbrough are about \$ leagues, but to About fix a leagues to the fouthwards of the forelaid hom-Malven. McIven it is about 9 leagues, you must also faile up there midst mock, and 5 or 4 leagues and an half to the northwards off the channell about fouthwest, but the point over against the Terlyba, Iye alfo two high hommocks close one by the other, Pillo, where the caltle Terbaly it and th, you mult avoid fo-the land to the fourthwardes of them towardes Terlyba, is to Four or five leagues north and north and by west from the or somewhat to the northwards off them) as if it were all bro-





| The Sea coastes betweene                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Ryghs-head and Derwinda.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 137                                                                                                                                                                                                                                                                                                              |
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| when you can but even fee the land from below, it is thirty fa-<br>them deep.  When you begin to come about Derwinda within a or 3 fee- sa agues of the land, there lited is banck of 12, 32, 32, 82, 43, fathout forme fay that weft and by N. from Derwinda there flould be no more upon that we have 19, 10 feet the mater, it is about a halie league box. between 19, 10 feet them water, it is again to halie league box. between 20 and 24 fathom deep.  If you will anckor before Derwinda, then bring that fore- fait Cattle about eafflootheath from you, then it cometal annot behind or high land, and anckor in 3 fathom from the flore, there is the best roade.  Of the Depth and ground, about the fee after.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | From Budteroost to the Deep of Dermonell a.e. and by w. 16 of From the Rofeication Commbround beinge Consulter and we perfect from the Medic to Quinthround the God From the Medic to Quinthround deep combeat and by cell four to the Rofeication of the Medic Inc. 6. Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Medic Inc. 16 of the Med | 5 leagues 17 leagues 17 leagues what fold 3 leagues 18 leagues 18 leagues 18 leagues 18 leagues 18 leagues 18 leagues 18 leagues 18 leagues 18 leagues 18 leagues 18 leagues 18 leagues 18 leagues 18 leagues 18 leagues 18 leagues 18 leagues 18 leagues 18 leagues 18 leagues 18 leagues 18 leagues 18 leagues |
| ** Betweetended the ground is there white I and to the the the third the ground is there white I and to the the rade it is I a fathou deep, the ground black fand, and going of to yo and 40 fathous, and the leader of the the the the the the the the the the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | From Sevenbergent Ober 1, by a feet in an op year.  From der Mentil to Drainvick war and specific or from der Mentil to Drainvick war and specific or from der Mentil to Drainvick war and specific or from der Mentil to Drainvick war and specific or from der Mentil to Drainvick war and specific or from der Mentil or form der Mentil from Derwinds on be Roinfeast den Mentil from Derwinds on be Roinfeast den Mentil from Derwinds on the Roinfeast den Mentil from D | 77 leagues<br>33 leagues<br>48 leagues<br>53 leagues<br>80 leagues<br>37 leagues<br>30 leagues                                                                                                                                                                                                                   |
| How these Lands                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | doe shew themselves at sea.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                  |
| Heele. Vermoorde. Aexternes. Han                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ckeheers. Loocancuc:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Rofehead.                                                                                                                                                                                                                                                                                                        |
| Thus showeth the land betwitt the Roschead and the Heale.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Thus sheweth the land betwist Quinsbrough d                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | cep and Brusteroort;                                                                                                                                                                                                                                                                                             |
| This siewed the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                  |
| The coast of Coerland from Sevenbergen alongst by Derw<br>following, the like markes belong                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Deegen, when you faile alongft by it a league without the land; inida unto Luferoort sheweth, as is portraved in these fix figures one to the other, as AA, BB, CC, DD, &c.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ±.                                                                                                                                                                                                                                                                                                               |
| D.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | ar a contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract  | merce transport                                                                                                                                                                                                                                                                                                  |
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| Sackerwyck. Hommock.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Hommock.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | omania.                                                                                                                                                                                                                                                                                                          |
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| Sackerwyck. Buke Dalves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                  |
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| Backovens a league by fouth Derwinde.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | This hommock about 3 leagues by fourh the Backovens                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | А                                                                                                                                                                                                                                                                                                                |
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| Luferoort.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | taftle Derwinda.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ·                                                                                                                                                                                                                                                                                                                |
| THE RESERVE THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF TH |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Backovent.                                                                                                                                                                                                                                                                                                       |
| Derwinda.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | васкочень.                                                                                                                                                                                                                                                                                                       |
| When Derwinds doth show it felfe first, being call from you, it showeth it fel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | of the with shaland as mall to the northwards at to the fouthwards                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | , but when the                                                                                                                                                                                                                                                                                                   |
| When Derwinds doth snew it lene arts, octobe and outher from you, the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | en it goeth behinde the land, that you can not fee it,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                  |

## The third demonstration,

Where in are described the Seacoastes betwixt Derwinds and the utmost off the East-Sea.

Helying Derwinds, and how men final know it, shere before declared.

From Derwinds to Leyferore, the coaft lieth in the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the coaft of the co

Domesnes it selfs is low sandie land, fieth out about three lea- distant. gues to the eastwardes of the forefaid Doembergh: but all that

is altogether full of trees.

N.W. and by W. about 4 leagues a funder, there runneth of a nes and that point lieth about S.S.E., and N.N.W., but to the great Riffe, about fouth and by welt, and fouthfouthwest into fouthwards of it, it fallesh a way to the fouth; for that betwixt fea, towardes the shoulde Lyferorte, called Swalverorte, that this point, and the Deep of Rye, there is a great bay, which is deep. To the weltwards of that riffe lye also manie uneven must be verie cleare whether when you can see it, lying at anc-Dwael-grounds a good wayes of from the land, which lye a- kor before the deepe of Rye. longs the coast of Ocsel to the northwards which are at some | When as (comming from Rye) you find be somewhat to the splaces not deeper then 2, 3, and 4 fathome. | When as (comming from Rye) you find be somewhat to the southwards in the Koperwike, and come running out thereby

with the land about Derwinda, then leave not the coaft of traken for Domeines, because that then you can see no Land Domesnes in 4, 5, 6, or 7 fathome, according as you have the gaine fee the Land out a head, then you are yet about 8 leawind, that you may not fall without, or to the weltwardes off guest from Domelnes, that riffe Swalveroosts. The channell betwist Coerland and Under the pointe of domelnes you may anker on both fides, Marks for Tunne to the shoare in 4 and 5 fathom.

without Swalverorte it is thirtie fathom deep. If you can fee 20 fathom deep foft ground. faile bouldly without fear towards Domesnes.

fear to come neere the coaste of Coerland, then keepe not fur-ther of to Sea, then that the E pointe of Doembergh bee, f. e. if you faile from Rye with an E.or N.E. winde, and shall faifrom you, when that you bring the east fide of the south point le by night about the rif, then set you course so, that you be of Ociell n.n. e. from you, then you shall run along the overswal- fure you run farre enough along the N. wards, or without verorte in 7 fathom. Betwixt Oefel and Coerland it is fixteen the Reffe, and keepe that course untill that you come neare and feventeene fathom deepe. When as Domesnes is fouther ft the grounds of Ambroock or Oesel in 15 or 16 fathom, then and by eaft, & the fouth point of Oefell n. w. and by N. from you hall be without doubt past the riffe, then goe on a while

eaft and by north, or a little more northerly a league and a halt in 4, 5, 6, or 7 fathom, as hath been beforefaid.

west fide somewhat flatter.

Not verie farre from the riffe, on the west side, it is 12 and thom, and then you run through betwist it and the shoare, or 13 fathom deepe. When as the point of Domesnes, where the els, if you keepe in eight or nine fathome, then you runne awhitered trees stande upon come to be fouthfouthwell from bout without it.

average, other, the low land betwint both is Lyferorte. The point off | and northwest formewhat northerly, one and twenty leagues

About 8 leagues to the eastwardes or to the fouthwards of Domelies runneth of another riffe from a point which you Riffe of The fouth end off Oefel lieth from the point of Domefines may found about in 5 and 6 fathom. The land betwixt Domefiis adaugerous riffe, at least 3 leagues long, verie hard and un- called Kowerwyck : fomewhat to the fouthwardes of this Kowerwy. even, at fome places towards Ociell it lieth drye above water, pointe in the bay lieth fome high land, which lieth from the ke. and at fom other places it is two and an half and 3 fathome Deepe of Rye west and by foirst, and east and by North. It

If you wil goe to Rye, and comming out of the fea doe fall the floare, this forefaid point hath thus oftentimes been mi-Coerland, but runne about by it upon the lead, all along unto without it, but when as you come about the point, you final a-

that forefaide riffe is 14, 15, and 16 fathom, but vericume- as well to the wwards as to the e-wards. If you wil aukor to the ven. The ground upon the should thwart of Lysetor e is at so- w.wards of it, then ankor in 6,7, or 8 sathom, there you have me places also very uneven for to found, fometimes fixe, fo- good fand ground, and sheltred for e, and f.e. windes. If you wil metimes eight, and nine fathom, the one call at 1:alt 2 or 3 anckor to the e.wards of it, then anckor in 6 or 7 fathom, a litfathom more or leffe then the other, and that not very farre le within the point of the land, fo that the point be n. or n. and from the land but you neede not feare oft it, you may bouldly by w.from you, there is good fandie ground, and good lying for af.f. w., w.n. w. aud n.n. w, winde: the point of the riffe liet then But if (when you come out of the fea) you are past Lyferor- from you about northnortheast a league & a half. If you wil an-Swalver- to, and come with the land to the northwards of it against Oe- koriur her from the floare, so that the pointe of domefnes be fell, then you have deeper water, for not far to the weltwards n.w. or northwell and by north from you, there it is 18 and

Oefel and Coerland, and that the Doembergh be e. f. e. or f.c. If that comming of from Rye against the rif of domesnes, Roade unand e.from you, then run on f. e. untill you come neare Coer you will fail about it, then you must runne farre arough about der Do land, for to avoide Swalverorte, and then along they it upon without it, or if you will take it formewhat near, you must be your lead towardes Domesiues, as is before said. Or when as exceeding careful in using your lead. It is say hat bene said yeyou have the Doemberghe, f. e. from you, then keepe it to ric fleepe on the east fide, with a N. W. waye, (which runneth ftanding from you, and faile in fo right with it, and then you shwart into the rifle) you shall have the one cast 12, 9, or 8, shall (without larre)run alongst over the tale outermost shoul- and the next cast 4, or 3, fathome, if you fall within the point de of Swalverorte, it shouldethup there verie soone and so- or the riffe. But if you have been at anckor under domesines. dealy from 3 o or 15 and 9 fathom, but if you bring the east fi- and fet faile from thence, and will faile about the riffe, then de or the Doembergh not more foutherly from you then e.f.e. you may the better runne about it by your lead. Goe from and f.e, and by e, then you shall noth meet with any danger of thence i.i.n.e. and by n., that runnersh most alongst by the dwardgrounds, not of Swalverorte, you shalt hus faile alongst the riffe. When the point of Nesse commeth about west from at least 3 leagues over the Dwael-grounds and Swalverorte, you, then it will by little and little somewhat shoulder, you over verieuneven grounds, the one cast at least 12, the other must no space your lead, but must found often. With a N.W. 9, and allo wel 7, and 6 fathom, but goe on your course with- course come not nearer it then in 9, 10, or 12 fathom. When out feare, when as the Inner fide, or east fide of the fouth end the point of Nes cometh to be fouthwest from you may found of Oeiel cometh to be N., and N. and by E. from you, then about it to in five, fixe or 7 fathom, then you then come to the you are over the riffe, within all the foule grounds that might east fide of the riffe, when that is fouthwest and by fouth from you're over the rine, within at the tonic Broams, that argue the hour you, when you are right thwart of the point of the riffe, but falle bouldly without fear towards Domefines. This findulad happen, that with a new minde, you floud fat with the land to the newardes of Derwinda, or Lylerorte, and floud. I along the in, in five, fixe, or feven fathorn; (according as the

you, and that you are a like neare to them both there it is 18 S.W., untill that you reckon the point of Domesnes to be S. eaft, or fomewhat more eafterly from you, then edge up to From the point of Domefies runneth of also a rifle North- the coaste of Coerland by your lead, and runne alongs by it,

into the fea, which is on the east fide verie steepe, but on the Last and by north eight leagues from Domesnes lieth the Round. the field formewhat flatter.

Iland Round: you may runne round about it by your lead, in
When you come from out of the w., and are bound to Rye
like or feven fathom All alongft the fouthweft fide it is al four you may runne about by it upon your lead, in 5, 6, 7, 8, 9, and le & flarp rockie ground, therefore come not nearer to the zofathom, fo neare as you wil, but according as the Winde should be a south four theast about a halfe league and weather shall be, I know of some that have sounded about from the south point lietha little plate, where upon it is not it in 4 fathome and a half: but he that will runne fo fomewhat deeper then 6 foor, there hath once a man beaten of his ruth. It neare about it must be verie carefull in using of his leade, and lieth betwixt the 7 and 8 fathome depth, for to avoide that, take the reabouts the founding of the shoare in five or fixe fa-

watered trees trance upon Cohie to us commonment in our you, then you can one on against the welf field of the rife, when I you will ancker under Round for a Southfouthwelf, Road and that point is fouthwelf and by fouth from you, then you are Southwelf, or Welffouthwelf Winde, then runnicabout the destoomly right that role the point, but when it is fouthwelf and S. W. Southwelf, providing the point of the Eaff fide, there is a and by Weft from you, then you are about the riffe, and then little Bay, where stand a few howses with a Chappell, which you may bouldly goe on foutheast towardes Rye. Domesnes you can see when you come somewhat neare to the shoare, and the Deep of Rye lye foutheast somewhat southerly, anckor thwart of it in five fathome, so that the Chappell doe

meth rouling in. At other places it is not verye cleane,

twentie and three and twentie fathem deepe, and betwixt last it runneth to nothing. Round and Daynemondt three and twentie and four and About 3 leagues without the land of Dagerorte, north and

of the river and by S. 16 leagues. Before the Deepe of the river Duyn tenne foot water : A man of Offiaenen hath beaten upon it, ver of Rye you may anckor in 10 fathome, either to the fouthwards or which wente no deeper then eleven foote and a half, prefently the northwardes of it, where you pleafe.

ling up, as failing off. How men shall faile there in or out it is and by well; not possible to describe, so that men might relye up int it for ome extraordinarie great freshuts, and strong drifts of yee, fand strand, where you may anckor so neere the shoare as you the dapths and fhouldes do there often shift and change, where will, in 6, 5, or 4 fathome. of everie one that is bound thither may be mindfull of.

From the Deepe of Rye to Parno, the course is n.and by e. Ryelietha little towne called Lemfael or Sales, there goeth twelve foot,

in a litle deepe of 8 foot water. Before that deepe lieth a bank, which you may faile about on both fides, and come within it, is 3 fathom deep. The Hand Kyn lieth froms Sales northwest, leagues broade, and the right deep betwist them both is eight de, you may runne in alongst by it into Monefound. and nine fathome deepe.

gues from Domefies lieth Ambrook, that is a little Hand le greene Hands, and the Oxeholme lieth about a league to the which is round about foul, with flarpe ftonic ground, and fieth wellwards of the Grafholm, about which you may trile, and a great league diffant from the coafte of Oefell. BetwixtRound anckor round about, a little league north and north and by eaft and Ambroeck but nearest Ambroeck Iye manie neeven from the Oxholmlieth a ground loofe from the land, which Dward-grounds, of 3, 4, and 5 fathom. Ambroeck and the S. you mult avoide, called the wester Grasground, there are two

R access well formewing together yields a good reade from the growth of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first part of the first pa within the fouthermost point, doe stand west and by fouth

He that will faile off from Oetgensholme through the from you, there is good for claye ground, and you shall lye Moensound must goe on fouthfouthwest to the Grassolme, and a fore it will be houlder.

It is there al along the by the east coast of Oesel flatte ground from the other. of three , four , and ; fathome.

through within Ambrooke, you must leave a thirds of the wa- boute two or three cables lengths on the starboard side, untill ter on the larboard fide towards Oefell, and one third part on that you come to the land of Oefel over against the great tree. the starboard fide towards Ambroocke, there you shall have 2- In this farewaye it is 5 fathome deepe. bout 7 fathon water, and foft clay ground, towards the coaft of Ordell its full of uneven Dwale-grounds, alongly by the w. you full meter with an Iland on the larboarde fide, to the n. fide of Ambrooke you can not lightly take hurte.

mult take verie good heede.

Towre can go through, and allover tharpe and uneven ground. Upon Ocfall eaft and by fouth. Town can go through, and a very map and one with the Wor. Countell of a upon the Dagerorte funderly aligh tower which the Wor. Countell of forest. The towne of Revell cauled there to be builded, for to know forest. the land by , which men may fee ou both fides of Dagerorte | fler which you must avoide.

farre into fea, and also may fee it over the land ferre in the fo-

Under the point on the S. hade of Dagerorte is good lying

From Dagerorte to Syburghnes, the coast lieth northoast From Kinne to Magno and Serckholm al alongst unto Par-

Rand S.w. from you, there is the best roade under Round, being ground, going flat of thwart from the land northwest into fea, clean fandle ground , but when it bloweth hard the fea com at least 5 or 6 leagues , almost in manner as the greate lutish riffe, is first of 3, 4, 5, 6 and 7 fathom deep, and waxeth dee-The farrewaye betwirt Round and Domefnes is two and per by little and little towards the Finnish Scheers, where at

north and by east from the high towre , there lieth a funcken The Dop From Round to the Deepe of Rye, it is S. S. E., and S. E. rock which is verie steep, whereupon there is no more then after the throke he cast the lead, and found five fathom depth. The Deep of the river or Rye is Pilots water, as well in fai- The Towre of Dageroort was then from him fouth and fouth

Syburghnes is an out point, with two points, from each off Syburgh by reason of the continual fcouring of the stream, and especial-which shooteth of a riffe, betwixt these two rises is a faire flat

A little to the well wards of the westermost point off Syburghnes, not farre from the land lieth a shoulde under wa-2 r leagues, betwist them both, about twelve leagues from ter, about fo great as ashippe, whereupon it is not deeper then

From Syburghnesto Oetgesholm, the course is E. N. E. 7 Oxebolini leagues , betwirt them both goeth in the Moenfound.

To the Swards of Oetgensholm goeth in a great bay into is 3 national depth of the dand contributed a leagues, and the land, wherein lieth an Hand, and behinde it a little towne from the Deepe of Rye north, about 14 leagues. It is a little called Hap-fael, there you may anckor where you wil. On the low Hand, about 3 leagues long, and hat round about it most S.W. fide of this baye, runneth of a great shoulde or ledge off foule ground Betwixt Kyn and the coaft of Lyfland it is four rocks at leaft a great league into the fea, which is verie broa-

From Syburghnes to the Oxeholme and Grafholm, the Northwell and by W 8 leagues from Round, and N.7 lea- course is southeast 4 or 5 leagues, the Grasholmes are two littgrounds, and of Octob insurfaces and the Salaman across construct the water straightful instruction and the Salaman across construct the water straightful insurfaces with construction of the Configuration of the Configu

fieltred for a well and wellfouthwell winde. The ground is fail in close by it, for to avoide the Gralground, which heet to there were even and flatte, when as you gette the feven fathothe caftwardes over against it. From the Grasholme to the me, and faile towards to land, it continueth long alone depth point of the Oefell, where the great tree standeth upon, the of leven fathom, untill you come verie close by the shoare be. course is southfoutheast seven leagues. From the Grasholm towardes Ociell Iye 4 little Hands, each aboute a league one

When as you faile from Grasholme towardes Oesell , you For to faile from the S. ende of Oefell unto Arentsbergh mult fail along t by thefe little Ilands, leaving them lying a-

wards of it goeth in the Deepe unto the Caftle of Moenfound The caffie Arentsberg lieth from the fouth ende of Oefell n. e, diffant in 3 fathome, but fometimes, it is fhoulder, for there it is all of Means 10 leagues, but from the Iland Ambrook N. W. 4 or 5 lea- full of fands. To the S. wards of the fame Iland goeth in anogues. Upon the west side off Oesell, the coast lieth off from ther Deep which you may faile through until you come to the the fouth end note Hondforte, with divers bay, about north ende of Oefell, and then you leave the two little Hands by the northwell and fouthfoutheaft is leagues, betwist them both fouth ende of Oefell, lying on the flarboard fide. But the right lye a lade places Wyke and Reeck, Alongh this well coaft of and beft Deep, gooth from the aforefaid great tree, in alongh Octell he verie manie uneven and foul grounds, where of men by the land Octell, which is 3 and 4 fathome deepe, and at laft it will be 6, 7, and 8 fathom: when you faile along there, you Hondforte, the northwest point of Oefell, and the pointe leave the foresaid two little Hands by the south ende of Oefell of Daggrorte lie northnorthweft, and fouthfourheaft about 8 lying on the starboarde fide. From the greate tree to the first leagues diffant. Betwirt them both is a great have, the run-little Hand, the course is E. S. E. 5 leagues, and then from the neth also a channel through , but it is so flould , that no ships first little lland to the second southeast, & forth to the ende of

From this northeast pointe of Ocfel unto Parno, the coast

of Lyfland lieth east foutheast and westnorthwest.

When you come about that pointe, you may faile into the for north and northeast winds & cleane fand ground, you may fea or baye off Rye, where you will, west and by n. to Arentsfoundabout by the point off Dagerorte in feven or eight fa- bergh, S.W. or somewhat westerly to Ambrooke, S.S.E. to thome, on the north fide of the pointe is good roade for fou- Round, S. E. and by E. to Kinne, or where you will, the lying off Kinne is described here before.

feven leagues. Betwirt them both, to were, three leagues no, the course is northeast 8 leagues. Thwart off Magno and Magno from Dagerorte, and four leagues from Syburghnes, lieth a Serckhollom it is betwixt Coerland and the Hands, five & sercholae

leagues.

Parno, fixe fathom deep, & alongft Coerland altogether a faire firand. Parno lieth in a great baye, it is there in the roade ; and 4 fathom deep. For to anckor there you must anckor so that he freeple of Parno frand n.n.e. from you there is beft roade.

by f. 7 leagues distant one from the other.

You may faile round aboute Oetgensholme, and also anckor under it, for northerly and N.W. winds in 6 or 7 fathom.

by north 4 leagues, betwixt them both, a little to the fourh- ted from Finland. wardes of she farewave lieth a fhoulde even above water, which

to the land of fixe and feven fathom depth; but in the ende it Lipland, and fo come out into the North Bodem. to anckor in.

sevel. then fail right unto the head of Revel, untill you come to the re-ships or steame, to the head, and make you fast by 4 cables, you may see the Lind of Revel. It is there betwiste them both, for the northand N. N.W. windes which blow there flat open

East about, 4 leagues from the S. ende of Nargen, lieth the Hand the Wolfe, which is aboute a league long. Northeorthwest, and northwest and by north two leagues

from the westend off the Handthe Wolf , and northeast and northeaft and by e.from the north end off Nargen heth a rock Revel-flo. under water called the Revel-ftone, although there be no mo- the Wolf, and the channel off Elfenvos lyen.n.e, and S. S. W. to water upon the three or 4 foot, yet it is in the Summer ti- about 16 or 17 leagues afunder. me with faire wether, oftentimes to mooth water that it dorh not break upon it, and it is also very steep, so that you may not come nearer it by your lead then in 12 fathom. The markes for to know the place of this Revel-ftone are thefe: When the gues, and 3 leagues E and by S. from the Wolf. N.E. end of Nargen is S.W. and fouthwell and by well from you, and the high freeple of Revell is capítone barts length, kor ground, especially on the S. fide, where there is a bay, there or a little more to the weltwards of the welt end of the iland you may anckor betwitt the 1 points in 10, 12 or 14 fathom, the Wolfe, then you are right thwart of this rock. The steeple according as shall be convenient, and lyesheltred for a N. E. of Revell it also then right fourh from you. But when the fte- and east, and also for a N. West and west winde. You may sai-The wolf. ple of Revel cometh to the Wolfe, and that you are bound the le round about Wranger, but from fom points (as from the S. eastwards, and you are furely past this Revel-stone, and a good wayes to the eastward of it.

From the west end of the Hands the Wolfe lieth of a riff to lead when you faile about by them. the n. wards in the fea, about an English mile toward the Realong the Wolf, the marke the point of Surp, whee that commeth even unto the fouth end of the Hard Nargen, then On the S.W. fide is good anckoring for N. E. & J. von fhall also have even the length of the foresaide riffe. If you anckor under it, so that the S. E. point lye about E. from you, looke out then on the starboard side, and be not failed very far-there is good lying for N.E. and E. windes. re alongst to the Westwardes off the Wolf, you shall the forein 5 fathous without doing amiffe.

Betwixt Nargen and the Wolf lieth alfo a ftony fhould which showld of Betwixt Nargen and the Wolf liethalfoa ftony fhould which Rugen, is very broad, but much neerer. Nargen then the Wolf, and liethfrom the S. points or Nargen about N. E., and from the little leagues n and by w, from little Wranger lieth a little lland, forefaid north point weltnorthwell from you , and that the Wolf lye then free from the maine land, you shall not misse to Wolf n.e. and by e. distant 2 great leagues. full upon this fhould.

You may faile round about Nargen, and also anckor under it Nargen, for northerly and westerly winds inten, twelve, fourteen, and eighteen fathom.

From Nargen to the Hand Wranger, the course is eath, 7 leagues. The lying there of you may fee in the following.

Of the coast of Finland getwixt the Alands Hasse and Ellenvos.

eeple of Parno fland n.n.e. from you there is best roade.
Oetgensholme and Syburghnes iye e. and by n., and w. and
Oetgensholme and Syburghnes iye e. and by n., and w. and
Of Aland, goeth in the Alands Haf, which mendo call the Alands. North-bodem, which lieth up to forre to the northwards into Finland, that a ship with good iresh way should scarce be able to faile to the end of it in s dayes:upon the farthest end of this From Oetgensholme to great Roge, the course is east and North Bodem lieth the Towne Toren, there Sweden is par-

At the outermoft rocks of Finland on the Alandrs-haf Ive you may faile round about , but you may not come verie neare 3 Hands, Ercke, Kaftelholm & Corpe, Ercke is the westermost Ercke. it because it is stonie and rockie round about it, Great Roge is of all , and the outermost , from thence goeth in the Corne Corps. an outpoint with 2 or 3 white Chalck hilles , and thereby is found, N.E. along the thwart of Castelholm and Corpe. Corpe verie good to be knowne. Betwixte this point and Oetgenf lieth within the other Hand, and from Corpe you may edge oholm, fomewhat more foutherly lieth another point, called ver into the Liet of Abbo, which commeth running of from fale Roge, little Roge, between it and great Roge, goth a broade Sounde in Uttoy: you may also faile up into this channell about behind

is shoulde. Thereaboutes it is call cleane ground, and good for Uttoy is a great Hand, upon it standeth a great mast with a treey, barrel for a beakon, & lieth from the Hand Gorpe e. and w. a-From great Roge to the Hand Nargen, the course is east ; bout 9 leag. On the w.fide of Vttoy goet up the Liet of Abbo, which lieth in first north and north and by eath, shout 3 or 4 When you fail from great Roge towards Narghen, you shall leagues, and then you come on against a great Hand. And then finde 4 leagues to the eaftwards of great Roge an other point it lieth in along fit that great Hand northeaft unto the Sound of with two white chalck pots, called Surp, betwist it and great Abbo. Abbo lieth at the end of that foresaid great Hand. This Abbo. Roge, the land falleth awaye to the fouthwards, into a great Liet runneth up alongst to the eastwards through betwixte baye. If you will faile to Revell, then fail along to by that point | the rocks about thirteene leagues, within it lieth a rock unof Surp, towards Nargen, leaving it on the larboardfide of you, der water which is a Magnes or Load-stone, also the ground Magnes going on ful calt , until you com to the cast end of Nargen feemeth to be there of the vertue of the Lodestone, for when Being thereby it, then goe on cash footheast a league and an you ceme thereabouts, the compasses doe not stand, but run nie our lands half, and then you shall come by the end of the riffe, which liet and turns without any certain standing still, untill that you be off from the Blote Karels, come no nearer it then in 6 fathome. at least a leasue part it, and then they begin to fraud right a-When as the castile of Revell commeth without the Carels, gaine From thence it lieth c and e and by all alongit through then full right muto the neador Kever, many you come to the cast fide, let your anckorfall there, and then hall with the to the channel of Luys into the fea, when you are thwert of it fea, Luys. to with, betwixte the Out-rockes and Nargen , or the land

in making it a lee flore . fo that formetimes with fuch winds there commeth in a rowling fea. The Outrocks of Luys, and the channel of Vttoy lyee. & w. about 21 leagues diftant, althought it be there betwire them both all broken land, and full of rocks, yet nevertheles there are no havens nor channels fit for thins to come into.

From Luys along it without the rocks the channell of Elfenvos, the courfe is c and by n. 15 or 16 leagues but Nargen or

The Coast of Lystand.

The Hand Wranger lieth from Nargen e, diffant 7 or 8 lea- Wranger,

Under Wranger is on both fides good road and good ancpointes, and from the north point ) lye off fome little riffes, whereoff you must take heed , and be carefull in using the

About an English mile from Wranger lieth little Wranger, little vel-stone, upon the end of this rist lye 5 or 6 rocks a little above water. If you come away from Revel on north and by weft ky and foul, especially on the n.e. fide. From the see point run-

On the S.W. fide is good anckoring for N. E.& E. windes,

From the northwest point runneth of also a litle riffe which faid rockes (lying upon the end off the riffe) lye thwart from you may found about in foure, five or fix fathom, according as you, and then you may run to the northwards about by them your thip goeth deepe, when as you will goe to anckor there, comming from the northwards, or about to the northwards off the Hand.

About a great league n. from the e.ende of Wranger, and 2 north point call out heaft. Therefore if you bring the fouth which by fome is called Kuyken, but commonly is called the pointe of Nargen about fouthwest or S. W. and by S., and the Koecxschaer, which is a little bare rock with a Warder upon it, Koexyou may faile round about it on both fides, it lieth from the schaer,

From the Wranger to Eckholme, the course is east southeast

Three leagues by west the Eckholms lieth an Out-point to the caffwards off it a bay, called the Monkwyke, there it is Monkwyke good anckoring for fouthwest and west winds in eight , ten, or twelve fathom. Betwixt this point off the Monckwyke and

Wranger lie 3 little long Hands, lying alongst the coast of Lyf- | are fast to it, for that you should not be able to fail through beland, about a halfe league from the shoare, which are very fou- twixt them. le and rocky, and almost nothing but rockes, whereof you must The Hoftes lieth S.S.W. from High-land about 5 or 6 lea-Hoftes take heed, otherwife the coast betwixt them both is clean.

dest with a vailey. Under Eckholme is good anckoring at the n.e. fide for w. & f.w. winds in 20, 22, and 25 fathom, and on to the e. wards of the little Tutters ly the great Tutters. the foutheast side for easterly winds.

Telsburgh Telsburgh, thwart of it lieth of a flould from the floare, but leagues from High-land. you may found it in 8 or 9 fathom. From thence the coaft Narve about 16 leagues, it is altogether cleane without fowle there lieth of from it also a great flony rifle weltwards toground, so that you may also sail along & there by night in 8 or ward: the little Tutters: there lieth also betwist the little and o farbom without feare.

Northwards from this coaft in the fareway betwixt Eck- when you will faile through betwixt them. holm and the Iland of High fand lie the Chalck-grounds, For some ground in the state of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the callwards of the call Chairs holm, and also two leagues from the main land lye the Chairs Betwixt the great Turters and Highland lieth a should up- Showlds grounds. grounds, which are foul grounds, almost; leagues long under on which there is no more then 6 foot water, water, & ly to the wellwards w. n. w. into the lea, and to the S.E.a great halfe league from the S. end of Highland lietha-

gues, which is a long fmall Iland foule round about, with two The Hand Eckholm is clean round about, and lieth about n. foule rifes that lie out, the one lieth of fomewhat to the eathw. and f. e., it floweth it felf high at both ends, and in the mid-Northwards from the Hoftes ly the litle Tutters, & a leag. ters.

The litle Tutters are two Ilands not high, but round about Five leagues to the caltwards of Eckholme lieth tho Castle rocky, riffy, and foule, they lie southwest and south about 3

The great Tutters lye from the litle Tutters cast about 2 Great Tut herh alongit most east and by fouth unto the road of the leagues, and from Highland fouth and by east also two leagues, great Tutters a row of rockes , whereof you must take heed

Southeast and by S. about a leagues from the great Tutters Holts, the litle and great Tutters, all of them with very dange-lieth a flould of 5 fathom. He that will faile to the S. wards off rous foule grounds and floulds. Eckholm and High-land lye chefe forefaid Hands and floulds towardes the Narve, may be

ealtwards almost to the riffe of the Hostes. Some say that they nother should of a fathom & a halfe and 2 fathom deep

To the northwards off all thefe forefaid rocky Iland and foule fhoulds, lieth a litle Hand whereuponflandeth a Mail for to know it by, and to difcerne it from the other litle foule flands, that you may come indifferent near to, but not to neare, for it is also somewhat rocky and foule, but not farre of, it lieth from the litle Tutters W. and by north about ? leagues, from the Iland Highland fouthweft and by w. at least 4 leagues , but from Wranger or the Kockschaer east and by N. 20 leagues.

He that will faile off from Wranger towards the Narve alongst to the northwardes of thefe forefaid grounds, and doe get fight of this little Hand with the mait, may thereby the better know to direct his course, but is is not wifdome to fail through thefe forefaid fhoulds, except for them that are very well acquair ted. The Hand Highland or Hogh-Highland

land, is about 3 leagues long, and or Hoghs not a league broad, lying S. S. E. land. N. end and upon the E. fide it doth frand al ful of trees. A little vers mouth, there was upon the fhouldeft ten foot water, and about the N. point on the E. fide is a litle bay thwart of a Boers then they faile up the river, that was wont (for some years) to

house, there it is clean ground and good lying for westerly and be so, but it is possible since that time more or lesse altered, lifouthweft winds, fomewhat to the fourthwards of it, not very ke as it doth oftentimes happen in fuch rivers.

far from the fhore, betha great rock above water. At the N.

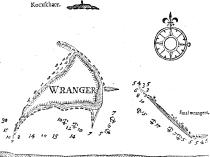
From the road of the Narve to the Roffe-hacek, the course Roffe-hacek, the end is also good lying for a S. E. wind. Along the S. W. fide is N. N. W. five leagues, which lye with many rockes a good you may also anckor every wherein 16, 17, or 18 fathom, wayes of from the shore. The point thwart of it is called the

point of Callrum after a little town (fo called) lying there. From the Ruffe-haceks n. n. w. 5 league lieth a litle Hand, Narve, the course is out to leagues, and then you run through betwist the Highland and the Tutters.

Called Rette Sarre, from which there runneth of a rif S, into run through betwist the Highland and the Tutters. Summers, the course is S and N. 4 or 5 leagues.

Lattfoutheaft from Highland, and 3 leagues from the Ruffe haccks lieth another flould, called the Slimme-grounds, it lye slimme-long and fmall along it n. n. w. and fouthfoutheast, with hard grounds The land of the Narve men do know by 3 high hills, lying wind you may fee it breach in 4 or 5 places: when it is Weft a league to the westwards, or to the fouthwards of the road, from you about halfe a league, there it is two fathom deep to 3, 4, 5, and 6 fathom uneven ground, fome off the rocks of it lye alfo above water.

From the Ruffe-haecks to the Rode hell, the course is N. gues within the land. For to faile in there men were wont to East about 24 leagues, betwirt them both on the Russe fide, loock out for a long hill, which lieth on the fouth fide within runne alfo divers rivers into the land, but there it no trade. The the rivers mouth, and at the east end goeth downe fomewhat land there lieth in a great bight, it lieth first from the Russefleep, with some high trees to the eastwards of it, then they hacks unto the River of Nioa, or Oraschacke E. N. E. about brought the woodden tower off the Narve to the northwards 13 leagues, the parteth Rufland from Finland by a great Meer



Great and Small Wranger.

& n. n. w. when you come out of the well, it arifeth in 3 hom- the rivers mouth) come over alittle hommocke, which lieth mocks, so high to looke to as Coll in the Sea wreach, upon the on the water fide, then they where upon the barre of the ri-

upon the high land.

of the fore field trees, and did run in fo with it. When as the ea-ferment of the 3 forelaid hills (a league to the Westwards of

close by the land for E.& N. E. winds.

faid floulds, which ly betwixt them both.

I rom the fouthwest fide of Highland unto the road of the

Likewife when as you faile on northwest from the roade of

the Narve, then you run along the betwirt the Tutters & High-

land, but you must be very carefull, and take heed of the fore-

and a league further to the weitwards ftand fome little houses

The towne of the Narve lieth upon a river about two lea-

s leagues s leagues 2 leagues

leagues

7 leagues

ver which lieth out of the Lyflands or east fea into the foresai - upon your lead to seven or 8 fathom, but may come nearer de Lading Further the lande lieth n.n.e. and n. and by w. about the right fareway betwist them both is fourteen and fifteen 13 leagues unto the Rode-hell,

#### For to fayle from the Revell to Wyburgh.

Rom a litle to then wardes of the Kocxfehaer to Higland. the course is B. and by N. a litle more easterly 23 leagues, with that course you runne alongst a litle to the N, wards of it, You may faile about Highland on both fides, but along to the clay ground. n. wardes of it is the right fare-way for these that are bound to described here before.

From Highland to the Summers, the course is e. and by n. bout on both fides of Summers, and also throug betwixt Sum- the northwards, the channell doth open it self. mers & the forelaide rocks that lye to the e.wards of it: but aabove and fome under water.

Goefchaer From the Summers to the Goefchaer, the confle is e. n. e. of greate 7 leagues. The Goefchaerwhich by fome is called the great. Wybrough, then goe on east and by fouth a faot of a call peece Fiber. Fisher is a long and broken Hand of feven rocks, therefore it is unto a black point, leave that about two cables lengths on the it, it sheweth it selfe when you shall first fee it, in 4 hommocks, and then you shall come against a grace whire said-bay, but be-as if it were 4 little low llands, you must leave it lying a halfe fore you come by this said-bay, you shall meet a rock with a the water is not very fmooth, but a little grown, you may fide, and runne amidft the channel through berwixt them perceive it by the breaking of the water: you may also wel fai- both, there it is three fathom deep. It is wisedom to faile up betwixt the funcken rock and the Goefchaer, then you must to anckor a little within Rode-hell, and to let him be brought run indifferent close alongst by Goelchaer; when it is n.w. and up by a Pylot. by north from you, then you are past the foresaide function rock, whether that you run alongst to the northwardes or to the fouthwardes of it.

course is northeast and by east 3 leagues. The little Fisher is a gersouth and north. bare round rock which lieth not farre from the land; when you Upon the wellfide off the channel lieth a high round rock, Rubbea even above water, almost like a buye upon the Flye-streame, Channell, to fee to a farre of as if it where a Scales head. This rock you Betwixt Kubben and Sautum lieth that Channell in from

come very neerthis rock, for men doe hold that there lie more anchor ground. rockes by it under water.

you may also finde road under them.

From the little Fifter to the point Corfues , which the Lu- it is Pilots water, Confass From the little Fifther to the point Cornies, which the List Hors water.

HIS THOS water.

HIS THOS water.

HIS THOS water.

HIS OBORGO, then runne a league to the Eafle asopto.

Hypo will faile to Borgo, then runne a league to the Eafle asopto.

without great feare and danger. It is impossible to describe all the starts and side, then run along a close by these bare points, fhoulds which are lying thereabouts,

call Ian Lambertions point) because of a stony and steepe litle anckor ground. call Ian Lambertions point) became or a nony and neepe nuc another ground.

Tiff which lieth of from it , but you may runne about by it | From the mouth of the Sound of Elfenvos to Pelringfound, pelring to the property of the sound of Elfenvos to Pelringfound, pelring to the sound of Elfenvos to Pelringfound, pelring to the sound of Elfenvos to Pelringfound, pelring to the sound of Elfenvos to Pelringfound.

fathom deepe.

Betwixt the point of Corfnes and the Rode-hell, it is not without danger to turn to windwards, efpecially you must be very carefull not to run to far over to the Soutwards , but to the Northwards, towardes the maine Land, it is indifferent cleane : It is there in the fareway fifteen fathome deepe , lost

For not to miffe this forefaid channel, or to the n point off Wybrough. A halfe league N. and by W. from Highland lieth the Rodehell, then take marck out a fteame of the little Fifter, a funcken rock under water. For to avoid it you must faile a. bring that even without the point of Corfnes, and keep it to longst by Highland. Further the lying of Highland hath been fanding failing towards the Rodehell, and so you shall not faile to fall right before the channell. This is a fure marck where upon you may truft. If you fall fomewhat to the S. wards of the r leagues. Summers is a rock or little Iland allmost like the toresaid channell, you can see opening, but seemeth to be all Eartholms, it sheweth it selfe in 3 hommocks. A little to the whole to the maine land, so that men (that are not wel acquainealtwards of it lye fome rocks above water : you may faile a. ted) might not know were to feek the channel, but failing to

When as you shal be then within the foresaid point of Rodebout to the n. wards of it is the right farewaye, you can not also hell, you may anckor there where you please, and setch a Pilot runne along it farre to the n. wards of it, for a halfe league to from the laud, which may bringh you up to the towne Wythe n.wards of it, it is very foule and full of little rocks, fome brough. It is there within in fifteen fathom deep, and good fort clay ground.

If you will (being come within the Rode-hell) faile up to also called the Seven-rocks, it lieth not far from the land, so larboard side, for there it is not cleane. Being a little past this that you can not get fight of it, before that you come nearer black point, then go on N. E., on call northeaft a halfe league, league on the larboard fide, for to avoid a funcken rock which gray Itone like a buye upon the I-lystream, leave that forefaid lieth of from it S. S. E. a great flot of a catt peece. When rock on the starboard fide, and the Gray-stone on the larboard le to the northwardes of this funcken rock, to wit, through there for him that hath not beene there before, but it is belt

### The Coast of Finland between Elfenvos, and Wybrough.

the fouthwardes of it.

From the Goefchaer or great Fifther to the little Fifther, the Channell of Elfenvos lieth from Nargenor the Wolfe N.N.W. and S. S. E. about 16 or 17 leagues from Wran-

come neere it, you may know it wel from the other rocks, be- whereupon flandeth a maft, or Warder, called Kubben, over cause there lye none farre from the land alone, you may faile against upon the other side of the channell lieth a long rocke about in both fides, but alongft to the S. wards of it is the right or flund called Sautum, and an halfe league to the catiwardes Sautum fareway. About a floot of a call peece fourhealt or fourhealt and of Kubben lieth another great round rock called Mely. The le Mely, by east from this little Fisher, lieth a black rock with the top three rockes are the best marckes to be known of this forelaid

must leave on the starboard side, and run through betwixt it thence northeast untill that you be within the rocks, and then northnortheast and by east, untill you come before the river of He that must turne to windwards hereabouts, let him not Elsenvos, there you may anckor betwirt the rockesin good alternoi.

There runneth also a Liet through within the rocks, where Both the Fifthers are otherwise clean round about ; so that you may faile along that come out againe into the seaby Putsagre, this runneth aboute very crooked with many bights, but

fterly aleague. Corfnes is a point going of low of the maine wards of the forefail rock Mely, there you shall finde two high land, not very clean, which you must leave on the larboard side. bare rocks, called the Tolcken, runne in betwixt them both, To the w.wards of Corfnes lye 2 little Ilands close to the land. but neerest to the eastermost, which is cleane and cleare close Thwart of the point lieth a rock all most like a little boat, you to it, and lieth somewhat further to seawardes then the westermay runne about by it in 4 fathom and a halfe, but nearer, On molt, W.N.W. from this eaftermost high rocke, lieth a little the east fide of that point you may anckor for Wellerly, winds Rocke above water, leave that on the larboard fide. When as then you shall be by this eastermost rock , which you leave About 2 leagues thwart of from Corfnes, lye very many lying on the starboard fide of you, then goe on northnortheast rocks, some one factoom, some a halfe fathom, some more, and to Schoeland, that is a rough I land of from which lye many fome lefte under water, you may not goe out of the fareway bare points, all which you must leave (with the lland also) on the uneven grounds, the great multitude of rocks and rocky When you are past them, goe then northeast and by north, fomewhat eafterly, and fo you shall fee two other bare rockes, From Corfues to the Hand Rodehell, the courfe is n. e. and the eaftermost of the Greatnesse of a shippe very steepe and by n. about 3 leagues. Rodehell is a greate rough Hand with a high, but the westermost is small, run in there betwint them. faddle in the middeft, which you must leave lying on the star the Sound is called Cramer-poort, When you are within them, Cramer board fide. The north point is a red point, there it and up long goe then in north and by east, and then you shall presently poort. flaves over end, like unto a Warder in Norway, you must goe ineet with a greate lland called Cramer, leave that on the starclofe along ft by them, or you may run in amidit the channell, board fide, and fo you runne rigt on with an other greate Hand, Chicasong it y them, or you may run in amount me channell, journ me, and no you think right on what another greate hand, according as hid be left convenient, but you not goe clot by called the lefter, kear that on the laboard fide, and anckor fastiste the north point over against it (which the Dutch supports dee betwist the two llands Cramer and the lefter, there's good

the course is east, and east and by fouth, 11 or 12 leagues. Pelliform Degenere to the Rosehead fouthwest and by with tingfound lieth in northeast, there you lie within a great many remove the Estigator fouthwest and by with tingfound lieth in northeast, there you lie within a great many remove the Godfethe and with and by fouth

ingfound lieth in northeaft there you lie within a great many property cokes, or lifed lands, flueted for all winders. You may like from there exhaus the winders are property cokes, or lifed lands, flueted for all winders. You may like from there exhaus the winders of the special property of the property of the property of the point of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property the rockes where no centreth to be: 100 may full in the every where, and within the rockes it is most all over good anckor-ground.

From Luys to the channel of Elfenvoise, and e. and by n. 11 or 16 leguest grown Nargen or the channel of Abbo the course is w.n.w. 14 or 13 leguest from Nargen or the Wolfs to thock channel of Elfenvoise neutral and by N.

From Putsfagre to the Epelfchares, the course is east, 7
leagues: these are a great many outrocks, a little to the eastprom the course of lays N. w. and by S.
leagues: these are a great many outrocks, a little to the eastpromite Volte to Fedingschares N. E. Somewhat caltely, or N. E. and by E. wards of them lieth a great rocke called Quadeschare which

From Epiclicharen to the Goefchare, the courfe is early of the method by the state of the method of the method of the method of the state of the method of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the st

#### How these lands doe lye one from the other, and from other lands. From Derwinda to Luferoorte northeast and by N.

| From Lyferorte to Domeines esitnorthesit 12 of 13 leagues                   | 1  |
|-----------------------------------------------------------------------------|----|
| From Domeines to Round E. and by N. fomewhat eafterly 8 leagues             | 1  |
| From Round to Duynemonds or the mouth of the river of Rye louthfoutheast    | 1  |
| From Domefines to Ryc or Duynemond foutheast 21 leagues                     |    |
| From Duynemond to Lemfael or Sales N.N.E. 12 leagues                        | ١. |
| Even Duynmond, or the mouth of the river Rye to the Hand Kin north and      | П  |
| by west I3 or 14 leagues                                                    | 1  |
| From 8 ound to the Hand Kinne eaft and by north 10 leagues                  |    |
| From Domeines to the fouth ende, or the rode of Oefell N.w. 3 great leagues | i. |
| From Domelnes to Ambrock N.N. E. 5 leagues                                  |    |
| From Round to Ambiocck northwest and by N                                   | 1  |
| wrom the fourh ende off Ocfell to Arentsbergh N. R. 10 leagues              |    |
| From Lufercorre to Honorough w. and by f.fomewhat foutherly 40 leagues      |    |
| From Lyfe: one to the point of Alant of the Hands N.N.w. 59 leagues         |    |
| From the fouth poynte of Cefel to Hondsforte northnorthwest and north and   | 1  |
| by well 16 leagues                                                          | ı  |
| From Hondfoort to the poynt of Dagerotte N. N. w 8 leagues                  |    |
| From Dagerorte to Syburghnes eait and by north - 7 leagues                  |    |
| From Culturations to the Overholms and Gressialms N. E. 401 & Japanese      |    |

13 leagues From the Ruffler to accusion call and cart and by tourn

1 jeagues
From Beckholm to the Gallle off-riblistyne affloutheaft

1 leagues
From the Telburgh to the roade off the Naive caffoutheaft

1 leagues
From the Rufflehaecks to the Rufflehaecks N. and by w.
From the Rufflehaecks to the River Nioa, or Orefehalek, E. N. E. 13 or 14 If or 16 leagues From Rette Sarre to Sommers N. N. w.
From Eeckholme to the Hand Highland eaftnortheaft 4 or 5 leagues From Ecckholms to the Iland Highland eaftnortheis II or 12 leagues From the well fide off High-land to the road off the Narve fourheast and by fouth From Highland to the little Tutters fouth 16 leagues 3 leagues 3 leagues 3 leagues From the signal of the latter latters tourth. From the land to the great Puters for the From the Land with the Mall to the little rutters call and by fouth. From the Call father to the Land with the mall E, and by fouth. From the Call father to the Land with the mall E, and by fouth. From the Call father to the Land to the Lightand N. B. and by call From the Call father. The Land to the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call father the Call fat 16 leagues league 7 leagues 3 leagues 1 league 3 leagues
12 leagues
5 leagues
7 leagues
16 leagues

From the foath popule of Getile to intention to monomous and the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of the property of t

#### How these Lands doe show themselves at Sea.

Coerland sheweth it felfe in this forms, betwirt Lyferoore and Domefnes, when you faile along they it, Backovena Towards Der Lyba Thus showeth the coast off Coerland, from Demesties past Derwinds, and the Backeyens towards Der-lyba; When you fayle about Domesties, then Oefell showeth it felfe thus, The little Hand Ambrocck. The Iland Round, when you fayle alongst by it, sheweth it selfe thus Round Domelijes Thus showeth Coerland to the exilwards off Domelines. Caftle of Dunemonds The high land of Kowerwyck. COMPANY OF THE PROPERTY OF THE

The mouth of the Duyn, When you come against the mouth of the Duyn, the River of Rye, the land sheweth it self on both sides of it thus,

When Dagerorte is northnortheaft 4 leagues from you, it sheweth thus,

### The fourth demonstration.

Where in are fet forth off Gothland and Oland, as also Swet-land coaftes, untill you are past Stockholme.

Rom the fouth-end of Ocland to the fouth-end off ealtwardes, as to the westwards. He that shall be to the north-Gotland, the course is eastmortheast 23 or 24 leagues, wards of Gotland, and shall get a countrarie wind, you may also

is northeast and by north.

and a half broad, when men faile alongst by it, they may counte teen fathom deep. eighteene towers upon it, which are all flat: the east coast is a About halfe wayes betwirt the Carels and the fouth end of Boswykes

riffe, a good wayes into the fea, you may run about by it upon ter the Carels. the lead in 7 . 8, and 9 fathom.

for Goldmonth and we will add the first a laffer language of the first hand of the first hand one from the other, the greatest is called the greate (a claim). The claim of the horse we hand the same that the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first hand the first ha Litte Rarel Carell, and lieth about a halfe league from the shoare. When Men were wonte in old txme to lye there behind a great head you come from the fouthwards, the greate Carell sheweth it or Chest. fells in two hommocks, and the little Carel in one hommock, and necre to the land. Under the little Carel is round about towne, where was wont to be driven great trade of marchangood roace, in eight, nine and ten farhom, and is round about dize, but it is now through the will of God, altogether fallen cleane and cleare; without foule grounds. Men doe anckor be- down, and come to nothing. The Hance towns have a long twixtit and the land, in fixe or feven fathom, there it is good time there held their staple. The old Sea laws were made

but to the Carels northeaft 27 leagues.

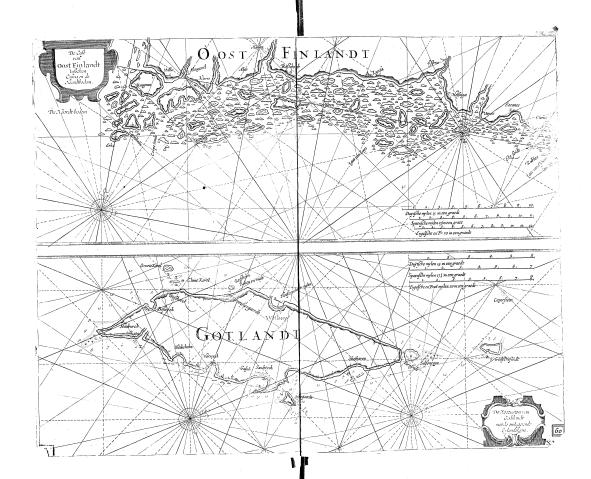
anckor under the great Carell, but nuder the little Carell is

The course alongst the farewaye, for to faile from the farre the best roade. Under the great Carell men way anckor, fouthend off Oeland through betwixt Oelandt and Gotlandt, on the west and east side, but on the north and south side it is foule, therefore come no nerner it by night, then in eleven or The Hand Oeland is twenty four leagues long, and a league twelve fathom. Betwixt the two Carels it is thirteen and four-

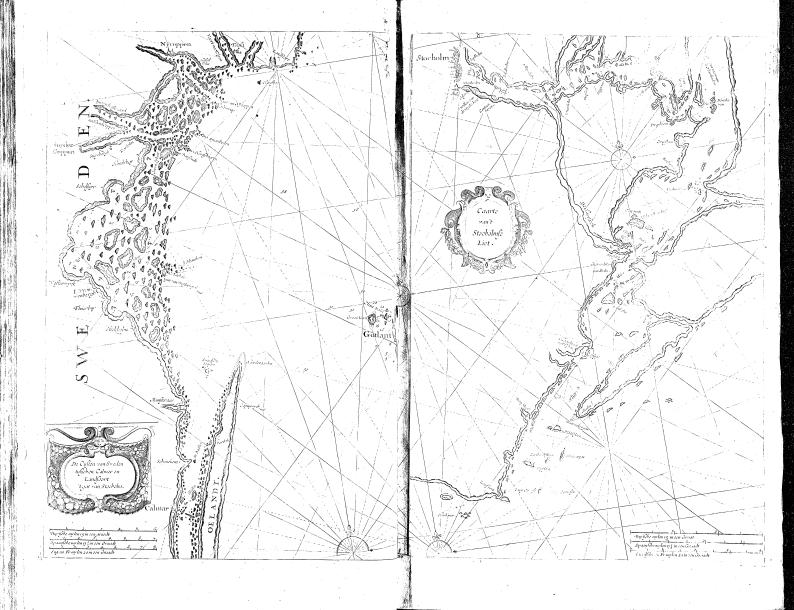
clean coaft, and lieth northnortheaft and fouthfouthwest, but Gotland, fouthfoutheaft from the Carel, lieth the haven Bofabout 7 or 8 leagues to the fouthwards of the north end, there wyke: thwart of it runneth off a riffe, a good waves from the shooteth of a little riffe, thwart from the land a great half leas shoar, come no nearer it then in seven or eight fathom. When gue into the fea, which men must avoid: by it goeth in a little you are thwart of the forefaid fouth point, about a halfe leahaven, where indifferent ships may goe in , otherwise Oeland gue from the land , and will faile alongst to the northwards off Gotland, you must not fail on more northerly then northwest. From the fourth end off Gotland moneth off a foule ftony as well for to avoid that rifle of Boswyke, as for to faile awea-

Three or four leagues northwest from the Carel, lieth the Reesholm The Carels are two little high Hands, lying on the west side Hand Reef holm, thwart of it men doe run into Westergorte: of Godland north and by west about seven leagues from the you may faile and anckor round about it. A little to the north-

lying for all windes , as well for them that are bound to the there, and also the old famous Read-carde. Men may see yet



TAKE



manner or staltenesse there hath been.

From Wisbuy the coast lieth forth n. e. towards the end of about 7 leagues. the course since. The proper uniters almost water upon a first of the no waters the rounding manner of dwelleth no people, and transleth ful of trees: You may faile which you must leave on the transland fide, when you are round about it, which hash a white firand. From the n. w. point bound from Calmer to the n. wards it is different cleane upon round about it, which hash a white transfer to the n. w. point i bound from Launer to the n. wards it is unrecent creane upon the roof tho-tech of a literiff, and likewife one from the fourh the wetfile, but from the Sweeds fide thereover against it thereof tho-tech of a literiff, and likewife one from the fourh the wetfile, but from the Sweeds fide thereover against it thereon most cent of a macran, and macwine one from meriodical to even indee, our from the sweeds not increover against it point, a good wayes of into fea towards the N. end of Gotland. I numer thou fa from rif, almost unto the fland. Upon this riffe point, a grout ways of the first point of a tone in a man the first point in the first point of a tone in a man the first point in the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first point in a man of the first p On every nate of Concine ranu, you may ancien in 6, 7, 8, 9, 1 annotes commonly a trone-reacon it is unagerous to have 20 and 1 fathor all clean and good anckor ground, but these through there, or over that should, for one that is not these forefaid riffeyon mult avoide. It leth n. n.e., Jeagues diffant very well acquainted: It is also Viloto waters

tower, cancut trooprough, and increases the Scott of South and allo is called Houbrough. By it goeth in a little river, be-ke, where men do lade many Toomb-itones and other flones, fore which you may anckor in 6 or 7 fathom.

little uled, it is therefore also but little known.

good haven for a west, normwest, norm, ear, and noundest you have all conference macrition every nacen it a and i yat winde, and litch in about north, a fourth winde blowesh there thou, but by a dan that it is not broad there comed in (with openin: On the call point, (which is a low bare point) liet; a hard windes) a rowling Sea. From this point rung eth of a little fand-riffe, which you may Silo vy, the courfeists n.w. 8 leagues, but from Northeroorfound them that or of fathom. Within at this Holmis a bridge dent the n. end of Ocland n. w. 9 leagues. for states with the true and the more. It you will an ker there in the haven, then run in along they the call thour, after a great rock lying on the north fide of this channell, callnor there in the naven, then run in alongs, by the cattinoar, latter a great rock typing on the north noe of this channel, cattinoar, latter a great rock typing on the north noe of this channel, cattinoar within the bridge and asker there nearest the led Y delice; of from it lie many rocks, forme above and fome until you come within the bridge and asker there nearest the led Y delice; of from it lie many rocks, forme above and fome entity you come within the forefaid earlt point do fand fourheaft, or junder where a great leagues to feawards which are called the continent and by continuous you, it shall some a major of parameters. He have all faile from the n. end of Ocland towards the bar fathon, there is cleane clay fandground, and very good I juig He that will faile from the n. end of Ocland towards the bar for west, north and east windes.

regue of the evolution of annowing ment are announced and the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of twist them bout, in the minute the channer, a father cheef of the county community, which is and clear, but formewhat uneven of ground, to wit, \$, 10, 12, & | wards to Schellust and other places more there it is all clear and clear, but romewing unevenor ground, to wir, 6, 10, 12, 60

14 fathom, but you need not rofeare. If you wil anckore under ground, and 12, 15, 18, and 26 fathom deep, 17 for the core caverals, then ankero betwirk the land & rhe lland, 17 flyou be bauned to silloy, then faile up to then, wards or e. Silsey, for that the aforefail bare gray n.w. point fland n, and the foot-ward will some between the rowney, and anckor there in to that the atoretain tare gray taw, point camo in, and the ton-thermolt c. from you, in 9 or 10 fathom. Or if you wil anckor the middeft between the rocks in 7, 8, and 9 fathom, thermoute, notifying the particular of a you whatever the mutuant occave notifices in 7, 8, and 9 fathom, for a 5, S.W., or W. winde, then run further in about by that a | H you be bound to Flourbuy, or V rouwenbergh, then falle

fathom , for westerly winds. eom not very nor the lland, because there lieth of a rifle from and well and by north, there it is in the faire waye 15 and 16 the East point farre into the Sea, which is a great half a league fathom deep. very uneven, oc is time inough, that is a rectification is a large timough within the focus. Senemby is a good naven, flooilder and fouler, From the S.E. fide runneth of a flat, a good | there he th a rock in the havens mouth, about which you may wayes to Seawards, at fome places not deeper then 3, 4, and 5 run in on both fides, and anckor before the town.

tome title linds, there is is good lying for eatherly, wellerly, thereoppen and Northeroppen. and north winds. Upon one of the northermost little llands recould not unantity w. 2 reagness.

Farofound you may run into, in 2 and 3 fathom water, there ken rocks and foule grounds of the Idebanks. the coall lieth n and by w. 2 leagnes.

Farolound you may run into, in 2 and 3 tanom water, tuere had been reasonable from the fland-that church with a flat fleeple upon the land From Farofound lieth a foule daugerous rife, a league and a halfe, or 2 lf you runne out clofe by Oeland, and faile on north and by

to this day many old ruir ous houses of cost hu marble and ne- leagues into sea, call Salionteyn, you must take very good heed to this day many old rule out notices for control marione and need the engines into lea, can be already mention, whereby men may partly perceive and judge, what thereof, when you will run about to the a wards of Gotland.

From Farolound to Gotiche fand, the course is N. N. E.,

From w 1500y the costs neutroritin. e. 10wards the claud at about 7 reagues.

Gotland about 9 leagues. But from the Carell to Gothe fand

A halle league to the n, wards of the towde Calmer, to wit, the courfe is in 6.2.1 leagues; there is a little Iland, whereupon a little to the n wards of the road lieth an Iland, called Skalloe, Skalloe

form Baro, the N. end of Gotland, when you lie there under it and to you kan not fee Gotland.

The Copperfone liehthrom Gotfehefand W.N.W. and N. The Copperfone liehthrom Gotfehefand W.N.W. and N. The Copperfone liehthrom Gotfehefand W.N.W. and N. The Copperfone liehthrom Gotfehefand W.N.W. and N. The Copperfone liehthrom Gotfehefand W.N.W. and N. The Western State of the Copperfone liehthrom Gotfehefand W.N.W. and N. The Western State of the Copperfone liehthrom Gotfehefand W.N.W. and N. The Western State of the Copperfone liehthrom Gotfehefand W.N.W. and N. The Western State of the Copperfone liehthrom Gotfehefand W.N.W. and N. The Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of the Western State of t

About 2 leagues more northerly over against it, on Oeland Borkholm Upon the S, end of the E, indext Gottand transcent a mgn About 2 reagues more normerly over against 1, on Octand was copie tower, called Houbrough, and thereafter the S, end of Gothler of the Borckholm a little to the n. wards of it lieth Copingwy-wyke.

Northwelt or somewhat westerly from Borckholm, about Heyligh holm, which is a good haven, but by realout it but three leagues on the Sweeds fide, lieth a haven in the rockes, where mendselade Beames, to the n. wards of it, n. w. & by n. ttle uled, it is therebre altobut uttue known.
Two leggues to the caltwards of Heyligh-holme lieth the

havenor Narwyck, upon the east nide of the haven hefth a long for very great in ps.

Trom Calmer to the Sweeds Touler, the courfe is N.N.E. Sweeds rock, by which you must run in and leave another flarp rock | From Calmer to the Sweeds Touler, the courfe is N.N.E. Sweeds rock, by which you must run in and leave another flarp rock | rock, by which you must run in , and teave another marp rock on the farboard fide, within the haven you may anckor in + or | 9 or 1 o lea ues. this is a round rock, and very high , you may action.

Two leagues to the eaftwards of it liethSandwyk which is a of Ocland, it is not very great, but clean round about, fo that I wo leagues to the entwarts or a nectional ways wine it is a lost occurring a board of years, you clean remand adout, no traction good haven for a well, northwest, north, east, and fourtheast you have anchor near understone every side in 18 and 19 fa-

From the Sweeds loufer to the channell of Westerwyke or

The channel of Westerwyke and Silbuy is called Idefound, Idefound

tor wen, not to ano can win occ.

A leggie to the e-wards of Sandwyk, lieth the lland of Early without the right faire way, mult be very carefull, and take

For to know the channel of Westerwyke, you shall see a high this lland is very good road to rall windes, as welfor them that the bound to the c. wards, as to thew. wards. Comming from the land to the c. wards, as to the wards. Comming from the land to the c. wards, as to the wards. the wards of from Sandwyke along t by the land, then is the you find a form the rock, whereyon flandsha Filhers in w. point, (which is a high bare gray point) hidden behinde a beskon, and and another to the S. wards of it, with a mait, faile n. w. point, (winter is a right our groy point) macer nemine a present a right entire in the 3 with a mark time point of the maine land of Gorland, to that it femeth a far of to in between the 2 rocks, the channell lieth in N. W. and N. W. point of the maine and of Gottand, to that it remembers of common one a rouse, one canonical net on its w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. and S. w. may fee large enough thorow between them faile in there bemay fee large enough morne between them, and in there or to should be the strict them both, in the midfl of the channel, it is there channel, it is there channel.

forefast bare gray point, bring it S.S.W. from you, and anchor in welf, and welf and by north through the rocks till you come forefaid bare gray point, bring it 5.5. w. from you, and ancker in werman weather to be forefait bare gray point, bring it 5.5. w. from you, and ancker for in 7,8.5,0 or 10 fathom, there it is clean ground of final against the maine land 1, there you may ancker before feet fearthere in 7,8.5,0 or 10 fathom, there it is clean ground of final against the maine land 1, there you may ancker before feet fearthere in 7,8.5,0 or 10 fathom, there it is clean ground of final against the maine land 1, there you may ancker before fearthere in 7,8.5,0 or 10 fathom, there it is clean ground of final against the maine land 1, there you may ancker before fearthere in 7,8.5,0 or 10 fathom, there it is clean ground of final against the maine land 1. there in 7, 5, 9, or to fathout, there a is crean ground of most pagametric manue most fitted to the morthwards of the Iland is buy, or faile up northwell between the Iland of Vrouwenbergh great lay on Guland, there you may also anckor in 2 and \$\ \text{and the maine land, and anckor there in 22 fathern, also you may run through that way until you come to Westerwyke. Westerthom, for wenery winds.

If you will fall in or out, to then, wards of Eaftergood then live when the form all the winds which the rocks well, we

From Silbuy to Schelfuyr it is northnorthweft 7 leagues, al schelfuyr. vertiout the landing deeper ties a fations and rain truly of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state

To the eaftwards of Schelfuyr lieth the Hondrsbay and the Hondrbay Four leagues N, and by E. from Eathergore lieth a haven, Green Hand, there it is allo good anckoring. You may run Green called Slict or Slict haven, lying in a and a. and by w, behinde from Silbuy along the yet until you come in the Sound of Sou. Hand

From the channell of Welterwyke to the Barfound, the coast the define a runous church. You must come in there along ft by lieth along ft by the rocks in and by e. 8 leagues. But from the the floare from the fourthwards. From thence to Faro-found in end of Ocland to the Barfound the courle is n. and by W. 16

Barfound, wards of Barfound againft a deal of low out rocks. It feemetha great Holm, because of a funcken rock that lieth even without in 7 fathom, fo longh until that you fee out a headhigh Out- all about 3 or 4 leagues. in Judicion, to long a unit tiat you recont a neuron to be a sound by a strength. The middle-lond alongfu pwards through the florereach, Maffeld, lie of from the N. point of the channell, a good wayes E. S. E. it is not deeper then 9 foote, you must also (it you will faile up

alongst by them unto the Channell. but northermost is far the best, & lieth in N.N.W.

as you are right before the norther channel, & do fee open into fide of the river. ir, then faile it n.n.w.; being come in about afhor of a call pee-ce, you fhal fee on the larboard fide a litle low llands, anckor league first up N, and by W,, and afterwards well. For one within them in 17 or 18 fathom, there you must hire a Pilot that is acquainted, it is not well to faile up, it is also Pilots wato bring you up, either to Southercoppen, or Northercoppen, ter, fo soone as you come within the channell, you can get a where you delire to be, it is Pilots water. It is from thence to Pilot to bring you, where you defire to be, Southercoppen, about 10 leagues, but to Northercoppen 18
League 3. In the comming, in of the Sound is good ankorground the N. wards of Haffell-holm unto Trofa and Telgen. over good anckoring in 18 and 20 fathorm.

Landsoort (which is the spoint of the Liet of Stockholm) Landson (which is the upoint of the Liet of Stockholm) Landson (which is the upoint of the Liet of Stockholm) Landson (which is the upoint of the Liet of Stockholm) Landson (which is the upoint of the Liet of Stockholm) Landson (which is the upoint of the Liet of Stockholm) Landson (which is the upoint of the Liet of Stockholm) Landson (which is the upoint of the Liet of Stockholm) Landson (which is the upoint of the Liet of Stockholm) Landson (which is the upoint of the Liet of Stockholm) Landson (which is the upoint of the Liet of Stockholm) Landson (which is the upoint of the Liet of Stockholm) Landson (which is the upoint of the Liet of Stockholm) Landson (which is the upoint of the Liet of Stockholm) Landson (which is the upoint of the Liet of Stockholm) Landson (which is the upoint of the Liet of Stockholm) Landson (which is the upoint of the Liet of Stockholm) Landson (which is the upoint of the Liet of Stockholm) Landson (which is the upoint of the Liet of Stockholm) Landson (which is the upoint of the Liet of Stockholm) Landson (which is the upoint of the Liet of Stockholm) Landson (which is the upoint of the Liet of Stockholm) Landson (which is the upoint of the Liet of Stockholm) Landson (which is the upoint of the Liet of Stockholm) Landson (which is the upoint of the Liet of Stockholm) Landson (which is the upoint of the Liet of Stockholm) Landson (which is the upoint of the Liet of Stockholm) Landson (which is the upoint of the Liet of Stockholm) Landson (which is the upoint of the Liet of Stockholm) Landson (which is the upoint of the Liet of Stockholm) Landson (which is the upoint of the Liet of Stockholm) Landson (which is the upoint of the Liet of Stockholm) Landson (which is the upoint of the Liet of Stockholm) Landson (which is the upoint of the Liet of Stockholm) Landson (which is the upoint of the Upoint of the Liet of Stockholm) Landson (which is the upoint of the Upoint of the Upoint of th

About an English mile within the Sound you leave (in fuling About halfe waies betwint both lieth a great high rock very up) the Talderfound on the larboardfide, there is no more then good to be knowne, a good waies without the land alone called wards weftnorthweft a league unto Karholm, which is a Gent-from the Hevering on e.r. e., then you run along ft a little with-

leagues, that is a caltle upon a little Hand, you muit go about to leave it lying also on the larbord fide towards the land. the fourthwards of it through a bridge.

From Stickbrough faile up along the Sound, & leave most S., with divers great rockes and hover where you may faile in house called Mem, there is the place where men do lade, a half Sound. Before the havens mouth lieth a high round rok, which league from Southercopping.

For to faile from without the Northercopping, you must A little to the weltwards of Hartfoe goeth in a haven or brzwyck burch, & alongft unto the Brawyk the found of Northcopping, unito Stockholm. or elfe you must come in at the Barsound through within the | A little to the westwards of that Deep lieth the Sound off rocks into the Barwyke unto Northercopping, but it is not to Telgen lying in northwest, all most unto the great Lack de acquainted, for it is Pilots warer.

From the N. end of Oclandro the channel Nycopping by Hereing, the Hevering, the courfe is due Nabout 12 leagues, but if you oort, lie two rockes even with the Water, and within these flanderh nothing upon it but fome Warders.

Two great fagues to the wards of the Herveing, to wit, function wards of the Herveing, to wit, function reckand the maine land.

Landfoort and N point of Oeland lie S. S. W. and N. N. E. diffant three and twenty or foure and twenty leagues. Hyon vering, you may faile in also by these Swartboden, and run saile on northnortheast from the North end of Ocland, you throug withinOxelen & the other rocks, & come by the point [hall fall with the land right with Landfoort or a little to the of the Hommelwyke into the right found of Nycoppen.

can at first hardly see a channell, or any opening, but bring the wards the land is better to knowne then the rockes to the east great rock the Hevering n. w. from you, and faile fo right in, wards of it. Therefore when as you wil faile from the North and run in close along to the northwards of it. In the lailing end of Oeland to Stockholm, especially in dark wether, goe in you shall see two channels, the northermost is within full of on somewhat more northerly then northnortheast, or N. and dangers, so that you can not go through there. The right chan by E., and then you shall runne fight of the foresaid rock Hartnel by the Hevering is fo narrow, that you can hardly turne foe, which is good to beknowne.

a half, or 2 leagues, unto a great rock, leave it on the flarboard rocks, fome above and fome under water, called the Karwafen. fide, and faile about by it, and goe in alouhst northwest and by Betwixt them and the point, about once so neare the Karwasen, north. A little within the forefaid great rock, thwart off the as the point, lieth an other black rok, not great, called the yong

west, then you run alongst farre enough without the Idebanks, anckor there in three fathom fost ground: but if you wil ankor and also shall fall with the land about a halfe league to the S. there, then you must shun somewhat the the west end of the far of (by reason of the multirude of rocks and little Ilands to the point of the rock. From that foresaid road unto Hassellbe all firme land, but comming near it, it is all broken. You shal holm the course is yet in alongst N. W. and North; but with for there also all land by which there fement to be a channel, thips of great draught you must ancker before the channell of but you must be further to the n.wards, run alongst by the coalt. [Halfell-holm, From the Hevering to the Halfell-holm it is in

into fea, al which you must leave on the starboard side, and run there) first fet the rockes , or suncken rockes with beakons with your boat, or elfe you should sometimes faile upon some When as you come out of the fea, you must take very good of the rockes in 7 foot depth. The narrowest of the stonescach Stonescach heed, that you fall not with the land to the Northwards of the is thwart of an Iland which you must leave on the staaboard sichannel , that you do not get into the forefaid Heerfcharen. de, of from which lieth a funcken rock in the narrow, you must When you come before the channel, you shal see 2 Sounds or goe close along it by the suncken rock, for to the westwards off goings in, the fouthermost semeth to be the broadest, & fairest, it is very should water. Being past this stony ground, you shall get oasse ground, where it is not deeper then fixe foot; being On the n.fide of the channel lieth a great rock with a beacon come over that by the town Nycopping, it is again eight toot Nicoping upon it, and fomwhat more to the n. wards fleweth a round hil, deep, but flony ground. The fhips lie without the towne thwart by al which marks this channel is very good to be known, when of the beakons over against the Castle, which lieth on the west

6 or y foot water, from thence you edge up n and allone, a half Hartloe, & little league to the w.wards of Landfoort lie alfo fo- Hartloe. our y forewater, from mence you euge up maniferme a mit league, then again well and by Southabout 2 leagues, after the foule our rocks, called the Heyrhamer. When as you fail the hard the found of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundation of the foundatio out the Hartfoe, leaving it on the larboardfide. With that cour-From Karholm to Stickbrough is further west about two servou can not also faile to neere the Heithamer, and then you

The land to the w.wards of Landsocrt lieth w., or w. and by of al the rocks (which you fee) on the larboardfide, except one to, a bout a league to the well wards of it liet ha haven within a of two a little above Stickbrough, leave them on the starboard, low rock in betwixt 2 other low rocks, there you must make fide. About a leagues paft Stickbrough flandeth a Gentlemans you fait with cables on both floares, and with an anckor in the flutteth the havens mouth.

run in by the Swartboden up westwards unto Schenes and ra Deep, where you may run through with Barkes within Elsnap

be done without a Pilot for them that are not there very well Meller, upon the end of that Sound lieth Telgen, but at the mouth of the Sound lieth the little Towne Torfa.

About an English mile fouthwest from the point off Landsrun close along it by the end of Oeland, you shall fall with the rockes close by Landsoort lieth also a suncken rock. He that land a litle to the W. wards of the Hevering, The Hevering is a commeth faom the S. wardes, being bound to Stockholm, and great reddift bare rols, whereupon fland 50 + Effects becomes, lalleth with the land to the wettwards of the point of Landsheretoure there was wont to fland upon it a barrelujon a maß, corr, milt take heed of them; you may faile with these two which men might fee far of at fea, but it is taken or in the last rockes (lying even with the water) to wit, betwixt them and was between the Kings of Sweden and Denmarck, now there the forefaid funcken rock, and alfo (as the Pilots fay, you may faile through within the fancken rock , that is , betwixt the

eaftwards of it. It is better to fall with the land somewhat When you come before the channell of the Hevering, you to the weftwards of it, then to theeaftwards of it, to the weft

The Liet of Stockholme goeth in N. E. by the point off From the Hevering you must faile in first n. w. a league and Landsoort. About a league east from the point ly someblack point of the Hommelwyke, yould lift due for gazer took in Navaden, betwirst that rock and the point of Landfoort, men the furthermile you may runabout to the wettwards of it doe faile into the channel of Stockholm. Clode to the point untill you come within the other rocks and little llands, and little lland which you must leave on the larboard

wighone, fide, and run along to the cast wardes of it, a league northeast de. Over against it on the W. fide lieth another rock, which is from the point lieth the Wigftone, lying foutheaft or E. S. E. called also the Daler, to the westwards of it, to wit, betwixt thwart of from the shore. This a formwhat a long rock with 3 that rock and the main land, is also an opening, where you may hommocks, the two weltermost are the greatest, and show like fast through. A little within that foresaid took on the welt land

le through betwirt them, they are fast one to the other with betwirt them; this channell lieth through N. W. At the well rockes. In failing up men leave this Middleftone on the ftar-end of the great Hand Steendeur lieth a little black rock, you boardfide, and run about to the westwards of ir. From by east the Wigftone to the Middlestone, to wit, a-

When you faile from the Wigftone to the Middleftone, you for weit and northwest wind. leave them both on the starboard fide.

Danke- or the Swedesschares, betwirt them both goeth in a channel, (like as at most places betwirt the rocks and Hands) good clay canaed, called the Danske channel. For to faile in there you mult avoid ground. When you come from Kowhaven, and are bound to

Redow. with a rok in the breway, called the Red-cow. You may faile a land the other on the forteast fide, commonly there standers what a row metric surveys some energy common and a survey some or only of the foreign and common of the analysis of the manufacture of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of the major of

board to real time it is very good ying, when want contains the board time is a contained in the contained with the flands winds you can mether get up not down, you can come in and all time winds in the good lying every where out there both from the n. wards and from the S. wards very The little flands which lye in the channell of the Draybo-Drayboconveniently. Comming from the fouthwards, you can fee o. me, you must leave them on the starboard side of you. channell through where you may go through with Huyes and the ftream, there is no anckor ground. From the Draybome to

channel turning a waret you may go turning much suyes and final flips. From theur representations from the Draybome to final flips. From the area from the Draybome to final flips. From the Traybome to final flips. From the Traybome to final flips. From the Draybome to final flips. From the Traybome to final flips. From the Windifferame to the Seughthe course is w.n.w. a The Seught flips. fmaller bare rock, the fareway is there in through betwire run along to the n.wards of it, & leave it on the larboard, finaller bare rock , the lareway is there in turnough between the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manufacture of the manu good ancker ground. From the n.end of the Redholm lieth of gue, run alongst there by the S. shore. When you come against the trivarios the control came in over notice receivable, beinggen their trivagh want by a notice an English mile; it is which lach through the forefail of two of rockets to the north-narrow, but bath every wher anckor ground.

From the Scheggen, the courie is we few an English mile to through about n. n. w. or fonewhat more northerly, it is a fhort. Steekfound, cr. w. to Kings deep, the little Hands on the flatbo-

again in t. n.e. about an English mile to the Red-holm, which is that you may goe on all sides about by them. again in inca about an insignimme to the recurrioum, which is

long rock upon it fland 3 barrels upon malts, this you must

Comming close to Steekfound you flall finde a function rock

leaveen the larboardfide, & run alodgit to the ealwards of it.

a little by 5 the fareway. The Steekfound lyeth through S, S.

Reducing From the N-point of that Redholme runnerhof a litler iffe or W. it is a flort Inlet about a cables length long.

From the N-point of that Redholme runnerhof a litler iffe or W. it is a flort Inlet about a cables length long.

From Steek flow durto Waxholm it is f.w.wefterly above an Waxholm. mental, which you must avoid, a print are economic until English mile. Upon Washolm flander the Kings agle, there a weiting or the Liet, there neith a Lourier-yard witino on the late Politik mark is but land, where the flair Polis people in the falf Politik mark is but lend by the flair Politik mark is but lend by the flair Politik mark is but lend by the flair politik mark is but lend by the flair politik mark is but lend to find a flair politik mark in the flair politik mark is all over in that forelaid haven. At the analogy ground, like as is all over in that forelaid haven. At the analogy ground, like as is all over in that forelaid haven. At the analogy flair politik mark is a subject to the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the flair politik mark in the

fe by the land, called the Saltfack, upon which is no more then then a fhips length broad. For your same, camerine samaces, upon which is no more then a specific provided the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the same state of the

a faddle, the eastermost hominock is the smallest, upon it goeth in the Hardstick which is a Sound that lieth in first W., Haussick standeth a little walled cape, you must faile alongst to the east and west and by north, a goeth wayes in, and then N. W. and wards of it, and leave the rock on the larboard fide. You may cometh into the Liet to the northwards of Waxholm, by Kings well fail allo about to the wellwards of this Wigftone, it is haven Majefty hath caused to finck some shipt in the mouth of cleane round about, but on the welffide it is narrowelf, betwixt the Sound, fo that men can not goe through here with great it and the land lieth alfo a rock, with a little rock off from it, hips, but onely with little barcks. From the little Daler, the steendents courfe is N. N. W. about a halfe league to Steendeur, a great A league N. E. from the Wigftone lieth the Middleftone, Ilaud, which you mult leave on the starboard fide, and run which is a great high rock with a great cliff or faddle with an- close alongft by it, and fo you shall leave a round acck to the other great rock a little to the westwards of it: you can not sai- southwards over against it on the larboard side, and saile throug

must run about by it again to the eastwards. From Steendeur to Kow-haven, the course is eastnortheast Kowhaven longit to the weltwards of it, the course is northnorrheaft. A- two leagues, that is a roch lying in the broad Sound, leave it bout a great English mile east from the Wigstone, and North on the starboard fide, and fast to the westwards of realongst by Gomberg- from the Karwafen lieth another rock, called the Gombergh the weft land unto Berck haven. Betwix: both about half waies stone, and to the ealtwards off it another, called Schaeropen. lieth a haven, called the Crosse-haven, there it is good lying

Berck-haven lieth from Cow-haven northeaft and by north Berkhavell Thwart of the Middlestone, on the Westland lieth the haven distant about two Jeagues: this is a haven betwirt two Ilands Rams- of Ramskloof, there you may anckor within the rocks. The where is good anckoring for all wind, as well for them which Middleftone lieth about a half league fouthwest from the east come from Stockholm, and defire to faile to the Northbodem, point of the Liet, to wit, from the east point of the main land, as also for them that will saile of towards Landsoort, there is the forefald call point a good wayer of (whereapon flander h a brockholm, you mult leave thele two flands of Berek haven mil) and run is by the Middleftone, or from that point runnerh on the flarboard fide, and run in about betwirt them and the of a great ledge of rocks a good waies to feawards, towards the point of the maine land. From the narrow betwist Berkhaveti Middleftone, From by welt the Middleftone to Elfnap, the and the forefaid point to Duer-haven, the course is northwelt Dennit

a out a halfe league. On the S. W. fide of that fareway thwait When you are a litle paft the Middlestone, you come in be-of the point over against Duer-haven, Iye two sun ken rocks twixt the 2 lands, & a little within the east point you shall meet on each side of the point one, the one on the northwest side,

ofware do commonly lie to tarry for a winde, when they are league, it is called also the Duer-haven, of from the point withbound to fea, there it is very good lying, when with contrary in the llands until you come before the buye, along it there, and

Conveniency. Comming from the post-watersystem (co. 10.5) you must not consider the Mindfiream, the course if ref. a Violation is the mass of the high part he per post of the mass of the high part he per post of the mass of the high part he per post of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the mass of the m behind it. For to faile in there behind it, run in about by the S, n., and n and by w. untill about half wayes, there you field find point of the Hand Elfnap behind it, and then you leave a little a little Hand with a little tree, leave that on the larboard fide, & 

rock grownfull trees, to the westwardes of it lieth another half league, that is a chindle or stonebank even with the water,

good areast grounds from the mean of the Liet , where Scheggen, you hall fee upon the point of the S. flore a little you must faile through. When as you faile through betwixt the round tree, over against that life tree formewhat more norther Redholm and the forelaid bare rock to the eaftwards of it, go ly then in the middle of the channell, herh a funcken rocks for Recunding and me foreign user rock to the catewards of 11, 30 by their in the important time instance, near a function of the non-yet about an English malle further na.e. untill you co- to avoid it you must run nearest the fourth shoare. The reach of me thwart of the fourth channel to tel of from the Redsholm, Scheggen lieth through wand by f. about an English mile; it is

8. Jahra Indet, run through there. Being through S. John channel, goe and fide, as you faile to Steckfound, are cleane round about, fo

well fide of the Liet, there lieth a Church-yard within on the the lhips are vifited wheter they go up or down, the channell

N. point of the haven the great Daler lieth a funcken rock clo-well to Eeldam, that is a very narrow channell a little more

a mair ragge unrouse three Dater, which is a night neep took. A look a large without a subject to the man and the highest that you find among that the rocks in the Liet, run

and West and by north al alongst by the fouthland.

may anckor where you pleafe.

He that falleth to leewards or by any other accident can not there it is above the fortie fathome deepe. come by Landsoort into the Liet of Stockholm, he may fail in more to the northwards through divers channels. Amongst Oeland it is also verie deepe, fo that there you can not call others there is one where men may faile into, and come by the ground with 40 farhome. great Daler into the Liet: there goeth another in by the Swedes-fand, through it men come by Berckhaven into the Liet. | guestrom Honbrough, there you have great redde frone fand, The knowledge of this channell is a very high rock, with another that is not fo high, thereby to the fouthwards off it, betwist thefe two rocks goeth in this channell, it is very narrow is 34, 36, and 38 fathom deepe, and close by Gotlar d five and in the comming in, not above two frippes lengths broad. So twentie fathom. foon as you come in within thefe rocks, you may edge up about

very good anckorground. From that road in the Swedes fands the found goeth up first and 26 fathom. well for to faile in as out, but because it is not easie to know, comming in out the fea, it is feldom used.

The S. wards or the w. wards of these two foresaid rocks, at overit, you shall have no ground in fortie tathom. the comming in of this channell, it is all low land. If you come from the fouthwards, and run alongit by that low land, fo long is about 31 fathom foft ground, wards from them, lie three or four small rocks; for to laste in for these aforesaid bancks and groundes, these by you may wel wards from them, he three or rour iman rocks; no to take a make from exclusing a make from exclusing there you mult leave them on the flarboard fide, and in failing make from exclusing.

It you should make reckning to come by night with Gotout on the larboard fide.

Of the Depths and grounds about these coastes.

Betwist the S ends of Orland and Gotian I in the farewaye, it is uneven for to found, fometimes men have 22, 23, and inled ground, fometimes from fo great as peafe, of could sur like black earth.

When Houbrough is N N.E. 7 leagues from you, there it is fifteen fathom deep, froming road, from thence on north is. two leagues, there it is 20 fathom deep, foule from ground. Neare about these places, so far from land that you can not see Gotiand, are bancks, where it is not deeper then 12 fathome. The like uneven grounds are also thwarte of the South ende of Oeland, as hath beene faide in the Somer, but betwiste them both is deeper water. If you come in the farewaye from Rye to Bronthollom betwixt the South endes of Gorland and Oeland, and must lie by with contrarie windes when you are in the 10 or 12 fathome, and then falle towards Ocland, you fhall get deeper water.

If you lie by betwixt Oeland and Reefcoll, and that Reefcoll come to bee S. S. E. and S. and by east from you, Jo farre without the land, that you can not fee it, then you shall get aifo the like uneven grounde of tenue and twelve fathome, redde groffe ftonie fand, and also blackish groffe tandie itone ground. If you be nearest to Ocland, you shall get, in 10 or 12 fathome pittes in the fallowe, fo that it feemeth, that thek grounds of Ocland doerun over unto, or neare Recicoll. The I ke grounds an uneveneffe doe feeme to lye over the fea alle from the S. ende of Gotland towardes Rofe-head: for when the South ende of Gotland commeth to be about n. from you although it be fourteen or fixteen leagues from you, you sha finde depth of fixteen and twentie fat som foft grounde, like a of from Oeland, but if Gotland be more cafterly or westerl from you, you shall have deeper water.

When you are about a league by west the southwest point When you are about a league by were the four theaft from you Gotland, fo that it be Southeaft, or eaffoutheaft from your like about north from your about a league

From the Monfe holm to Kings-haven it is a league West, | which you may even see in cleare weather, thereal out exit is nu wen and by north a anong a by the course is pointe or freepe pointe is about n. from you a little to the half-From Kingshaven unto the town Stockholme, the course is northwell, and northwelt and by well also a league diffance a- wards or to the w.wards of it, there is 10, 12, 14, 16, and 18 longth by the shoare. When you come before the towne, you lathom deepe, a greate wayes from the land : but when that

Betwixt the S, well point of Gorland,& the north point off

When you are N.W. and N.W. and by North about 2 lea-

Betwixt Gotland and the Sweedsfchares in the farewaye it

When the tower of Houbrough is w.n.w from you, so farre toon as you come in within there rocks, you may easie the bythe lowelt, which is the fourhermoit, and another in in bythe lowelt, which is the fourhermoit, and another in in deepe, but being northnorthwelt from you it is floulder, 25, very good anchorground.

Betwixt Houbrough and Eaftergore lieth a banck of 24 faven into the Liet of Stockholm. The a very good channell as thom, groffe redde land, to farre without the lland, that you can not fee the land out the top. To the E.wards of it lieth another banck or 14 fathom gray and while fand, when you are

Two leagues without the land, by well Eaftergore, there it

He that faileth from Bronthollom alongst by Oeland tofight off these two toresaid hommocks. About a seage to sea- waads Eattergore, let him not spare his lead, but found often

land on the f.e. fide, and have no good fight, then come no nearer the land (about the u.end or S end, and also by Faftergore) then in 20 or 24 fathom, and fo you can take no hurte by nigt. metimes againe 18, 29, and thirtie fathome, all black ming By day you may come neare enough to it at many places, in 7

#### How these lands doe ly e one from the other, and from other lands.

|   |                                                                   | or 13 leagues    |
|---|-------------------------------------------------------------------|------------------|
|   |                                                                   | 71:2gues         |
|   | com profound to Gotfehe fand n.n. e. and n. and by e.             | or 7 leagues     |
|   | From Houbrough to the Karel- nortno thweft                        | 7 leagues        |
|   | r om the Karel : to Wishuy N. N. B.                               | 7 leagues        |
|   |                                                                   | 22 leagues       |
|   | now Unabrough to the porth ende of Ocland n. W.                   | 12 leagues       |
| : |                                                                   | 13 leagues       |
|   | 1: om the karels to the channell of stockholme north              | 21 leagues       |
| ١ |                                                                   | 40 leagues       |
| 1 |                                                                   | or 11 leagues    |
| è |                                                                   | north and by     |
|   |                                                                   |                  |
| J | From Goriche fand to wittey N. E.                                 | 37 leagues       |
|   | From Gotfelte fand to Dagerorte eaft and by N.                    | 7 leagues        |
|   | From Gotfche fand to Derwinde fouthealt and by eaft 31            | or 32 leagues    |
|   |                                                                   | 37 leagues       |
| Ľ | From Eaffergore to Derwind eaft and by fouth                      | 27 leagues       |
|   | From Eastergore to Quinsbrough deepe fouth and by east            | so leagues       |
|   | - From Eastergote to Confidence fourth and by welt                | 45 leagues       |
|   | to the second and a send by a                                     | 47 leagues       |
| 4 | From Houbrough to Hondforte e.n.e. and n. e. and by e.            | 40 leagues       |
|   | From Houbrough to Lyferorte e, and by n fomewhat eafterly         | 17 leagues       |
|   |                                                                   | - 40 leagues     |
| ŀ | C From Houbrough to Dermemell foutheast and by east               | 48 leagues       |
| ì | e From Houbrough to Quinsbrough deep fouthfoutheast               | 34 leagues       |
| í | From Houbrough to Rojchead fouth                                  | Re leagues       |
|   |                                                                   | 4 leagues        |
| 2 | n From Calmer to Scheggenes northnortheaft                        | 7 leagues        |
| , | Brom Scheggenes to the Sweedes Joufer N. N.E.                     | - 7 leagues      |
|   |                                                                   | 8 leagues        |
|   | ill and by well, fomewhat welterly                                |                  |
|   | as From the Swedes loufer to Northeroorden, the north end off     | Oeland east and  |
|   | by north                                                          | 3 or 4 leagues   |
|   |                                                                   | 9 leagues        |
|   | Learn Northernorden to the Barfound, B. and by well               | - 16 leagues     |
|   | of From No: theroo. de to the Hevering, or to the channel of Nyco | pping n.s Heag.  |
|   | From Northeroorden to Harrioe n. and by call,                     | - 13 leagues     |
|   | From Northeroorden to Landfoort N. N.B.                           | 23 or 24 leagues |
| ) | U, From Hevering to Landsoort eastnortheast.                      | 7 or 8 leagues   |
|   | doe show themselves at Sea.                                       |                  |
|   |                                                                   |                  |

| , | then the Carets he about horse                                                                                                                                       |
|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   | How shefe Lands doe shew themselves at sea.                                                                                                                          |
|   | West poynt. Houbrough,                                                                                                                                               |
| • | Thus shewesh the well point or northwell point of Gotland, when you come from the fourthwards.                                                                       |
|   | When Gotfche fand is n. e. from you a leagues it sheweth thus.                                                                                                       |
|   | 10 this forms showed the land a little to the wellwards of Eullergors, when that point is a great league well from you, there is 14 and 15 fathon deep, foil ground. |
|   | Eafergore being a leag.w.from you, sheweth thus, there it is 25 fathom deeps.  F I N I S;                                                                            |